

19970902.qrp v00\_n836.qrs.970902

>From ???@??? Wed Sep 03 03:49:33 1997  
Date: Tue, 2 Sep 1997 19:03:11 EDT  
Subject: QRP-L digest 836  
Message-Id: <97Sep2.190405edt.35003-62558+189@fidoi.cc.Lehigh.EDU>

QRP-L Digest 836

Topics covered in this issue include:

- 1) [25964] Re: Austin Innovations  
by Dave & Connie Matthews <dmatt@frontiernet.net>
- 2) [25965] AL7FS CQ  
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennc@alaska.net>
- 3) [25966] wtb ten-tec SCOUT  
by John Dorson <jdorson@bbs.mpcs.com>
- 4) [25967] AL7FS MI-QRP  
by Kr0i2@aol.com
- 5) [25968] W.T.T. 38 Spl toward Z Match  
by "\"W. Kimura\"." <W.Kimura@valley.net>
- 6) [25969] Re: Help -Toroids with shorted turns  
by Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>
- 7) [25970] QRP ARCI adds family membership  
by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 8) [25971] WAS ON 40M  
by kb0pte@juno.com (Jerry W Alexander)
- 9) [25972] AL7FS taking a break at 0110Z  
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennc@alaska.net>
- 10) [25973] Wanted: radio images!  
by Scott Thomas <n1st@ntplx.net>
- 11) [25974] CIA 50th Anniversary Station On 40 meters  
by Joseph Trombino jr <joebarb@wilmington.net>
- 12) [25975] Digital VFO Kits/Plans?  
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 13) [25976] Re: WAS ON 40M  
by Roger Hightower <n7kt@dancris.com>
- 14) [25977] RE: WAS ON 40M  
by kb0pte@juno.com (Jerry W Alexander)
- 15) [25978] Fw: CX Message repeat (Another contest that may interest some of the  
qrp gang)  
by "Bob Duckworth" <wb4mnf@atl.org>
- 16) [25979] Spartan/MI Sprints - Stranded :-(  
by Joe Gervais <vole@primenet.com>
- 17) [25980] AL7FS tonight !!!  
by Joel Malman <malman@BBN.COM>

18) [25981] Re: WAS ON 40M  
by Dave Sjolin <sjolin@swbell.net>  
19) [25982] RE: WAS on 40M  
by kb0pte@juno.com (Jerry W Alexander)  
20) [25983] Re: AL7FS tonight !!! - Comments  
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennc@alaska.net>  
21) [25984] Re: WAS on 40M  
by george fremin iii <geoiii@bga.com>  
22) [25985] 38S (If It Ain't Broke...)  
by Steve Heyroth <sheyroth@compuserve.com>  
23) [25986] The Accidental Twofer Rocked and Rolled  
by Russ Carpenter <russ@natworld.com>  
24) [25987] AZ ScQRPion monthly meeting  
by ruswhite@netzone.com (Russell W. White)  
25) [25988] RE: WAS on 40M  
by Bob Hightower <ki7mn@dancris.com>  
26) [25989] Ten Tec 1330 (Long)  
by "Dennis B. Dolle" <dolledb@cet.com>  
27) [25990] FOXHUNT Mailing List  
by "Brian K. Short" <shortckt@primenet.com>  
28) [25991] HW-8 not single conversion  
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
29) [25992] MI Labor Day Sprint - Life is Good  
by Brian Kassel <bkassel@dancris.com>  
30) [25993] CENTRAL TEXAS QRP GROUP MEETING NOTICE  
by Glen Reid <k5hgb@flash.net>  
31) [25994] AA mAh ?  
by Larry Trullinger <kb0emb@swbell.net>  
32) [25995] Re: AA mAh ?  
by Chris Cartwright <ccart@dns.vidtel.com>  
33) [25996] What hath K5FO wrought?  
by Chris Cartwright <ccart@dns.vidtel.com>  
34) [25997] Re: CENTRAL TEXAS QRP GROUP MEETING NOTICE  
by crc@io.com (charles crouchet)  
35) [25998] Re: WAS on 40M  
by Bill Crowley <bcrow@Carte.Net>  
36) [25999] Generator  
by "Jeff M. Gold" <jmg@tntech.edu>  
37) [26000] QRP Portable from Wyoming Thurs-Sat  
by John Evans - N0HJ <jae@codenet.net>  
38) [26001] MI QRP Sprint: Wild and Wooly  
by ac5am@juno.com (Robert L Stolzle)  
39) [26002] Porky Pig, ham op  
by rerobins@unccvm.uncc.edu (Rick Robinson)  
40) [26003] MI Labor Day SP/W5SB  
by Bill Morris Denton <bdenton@tenet.edu>  
41) [26004] Re: Bubba Contest

- by adams@chuck.dallas.sgi.com (Chuck Adams)
- 42) [26005] BUBBA/MI QRP/SP Sprints  
by Chris Cartwright <ccart@dns.vidtel.com>
- 43) [26006] Re: Spartan/MI Sprints - Stranded :-(  
by Chris Cartwright <ccart@dns.vidtel.com>
- 44) [26007] RCA 40582 Info  
by tahrens1@juno.com (Timothy H Ahrens)
- 45) [26008] Re: AA mAh ?  
by kv7g@juno.com
- 46) [26009] IDAHO BUBBA  
by Randy Foltz <rfoltz@wsunix.wsu.edu>
- 47) [26010] Re: AA mAH  
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 48) [26011] What is 10 meter SSB calling freq?  
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 49) [26012] Need HR2600 manuals  
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
- 50) [26013] CIA 50th Anniversary Station NN50CIA  
by Joseph Trombino jr <joebarb@wilmington.net>
- 51) [26014] Re: Bubba Contest  
by launerb@crl.com (William H. Launer)
- 52) [26015] Pictures of QRP'ers  
by Bob Hightower <ki7mn@dancris.com>
- 53) [26016] FS: Tek 310a and HB Keyer  
by Mike Robinson <miker@comlinear.nsc.com>
- 54) [26017] Bubba, MI 'test, & Sept. Sprint  
by gsurrency@juno.com (Gary L L Surrency)
- 55) [26018] QRP Contest Bands  
by Christopher Moore <christopher.moore@snet.net>
- 56) [26019] Re: Inverted L length?  
by Ed Loranger <we6w@qsl.net>
- 57) [26020] Re: Bubba Contest  
by Michael Fletcher <fletch@swlink.net>
- 58) [26021] Re: QRP Contest Bands  
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 59) [26022] AL7FS/KL7NY/Alaska  
by wa5whn@juno.com
- 60) [26023] WARC bands for contesting  
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 61) [26024] BUBBA TOTALS FM TX  
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 62) [26025] GX0IPX QSL manager?  
by "W. D. Lindsey" <70511.3041@CompuServe.COM>
- 63) [26026] Re: QRP Contest Bands  
by Monte Stark <ku7y@sage.dri.edu>
- 64) [26027] Re: QRP Contest Bands  
by Allen Jones <ajones@adsnet.com>
- 65) [26028] Pacificon '97

- by Bob Hightower <ki7mn@dancris.com>
- 66) [26029] Deal of the day?  
by Bradley Mitchell <wb8ygg@rocketmail.com>
- 67) [26030] Re: Help -Toroids with shorted turns  
by Steven Weber <kd1jv@moose.ncia.net>
- 68) [26031] Small loop and tuning cap  
by Steven Weber <kd1jv@moose.ncia.net>
- 69) [26032] NNOCIA  
by af852@rgfn.epcc.Edu (William R Colbert)
- 70) [26033] Re: HW-8 not single conversion  
by w4bws@juno.com (Donald E Sanders)
- 71) [26034] Re: QRP Contest Bands  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 72) [26035] Wyoming Weekend  
by AE0Q V31RY <v31ry@ix.netcom.com>
- 73) [26036] Back to Polishing that brass  
by Jeff Grudin <grudin@pacific.vdbs.com>
- 74) [26037] WE6W BUBBA LOG.  
by Ed Loranger <we6w@qsl.net>
- 75) [26038] FEEDLINE 101  
by ARDUJENSKI@aol.com
- 76) [26039] QRP+++  
by "Jeff M. Gold" <jmg@tntech.edu>
- 77) [26040] Re: Small loop and tuning cap  
by w4bws@juno.com (Donald E Sanders)
- 78) [26041] Re: WARC bands for contesting  
by w4bws@juno.com (Donald E Sanders)
- 79) [26042] ladder-line and longwire  
by "Mike B. Allred" <mallred@fscu.org>
- 80) [26043] Re: WARC bands for contesting  
by James Parsons <k5rov@worldnet.att.net>
- 81) [26044] Re: Charging batts questions (again); the stumbling bat; out stumped  
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 82) [26045] Where is this file  
by Brad Mugleston <bmug@gwl.com>
- 83) [26046]  
by David Smith <qrp-dave@ocsnet.net>
- 84) [26047] Re: FEEDLINE 101  
by w4bws@juno.com (Donald E Sanders)
- 85) [26048] RIP-Re: Help -Toroids with shorted turns  
by Ed Pacyna <pacyna@auratek.com> (by way of Ed Pacyna <pacyna@auratek.com>)
- 86) [26049] QRX-----N5INZ  
by n5inz@juno.com
- 87) [26050] Oct 97 QRP ARCI Quarterly off to the printer  
by Monte Stark <ku7y@sage.dri.edu>
- 88) [26051] Small loop performance  
by Bill Jones <kd7s@psnw.com>
- 89) [26052] Re: ladder-line and longwire

by w4bws@juno.com (Donald E Sanders)  
90) [26053] QRPp MW? (Not in My Physics Book!) & SPRINT  
by ke3fl@juno.com  
91) [26054] re: QRP Contest Bands  
by David Clemons <dave@egh.com>  
92) [26055] NN50CIA  
by "Bob Edwards, W4ED" <w4ed@flash.net>  
93) [26056] Re: FEEDLINE 101  
by Jim Glover <psykey@okcforum.org>  
94) [26057] For Jay WA5WHN  
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)

-----  
Date: Mon, 01 Sep 1997 19:16:03 -0500  
From: Dave & Connie Matthews <dmatt@frontiernet.net>  
To: qrp-l@lehigh.EDU  
Subject: [25964] Re: Austin Innovations  
Message-ID: <199709012319.TAA36834@node1.frontiernet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>The little nightlight you saw as a child was produced by Sylvania, very  
>cool!

I saw the prototypes of that system on K3ABC's kitchen table. It started  
as a landing light for choppers in Vietnam. Sylvania provided vests  
with this stuff for the Towanda, PA police department.

K3ABC went SK in 1977 and is now a club call with my mother's  
permission. She is Lyle's baby sister. Lyle and my father  
(WB2PTU/W2IJL and a few other calls) started me off.

Dave  
KB2YWT

-----  
Date: Mon, 01 Sep 1997 15:52:03 -0800  
From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennc@alaska.net>  
To: QRP-L@Lehigh.EDU  
Subject: [25965] AL7FS CQ  
Message-ID: <340B5523.647C@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

my dad is on 14.064.5

~Julian Larsen  
WL7MP

--

Jim Larsen  
Anchorage, Alaska  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
2 meter WAS #36  
Vision VR40

-----  
Date: Mon, 1 Sep 1997 19:52:05 -0400  
From: John Dorson <jdorson@bbs.mpcs.com>  
To: qrp-1@lehigh.EDU  
Subject: [25966] wtb ten-tec SCOUT  
Message-ID: <199709012352.TAA15394@bbs.mpcs.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

please all forgive me for my keying error. SCOTT instead of SCOUT.

BUT all of you who answered so far knew what i wanted to say. it's like i tell my wife, if you mis-spell something and someone knows what it is you are trying to say, it's OK..

thanks to all who did reply.

John K2JHU...

-----  
Date: Mon, 1 Sep 1997 19:53:08 -0400 (EDT)  
From: Kr0i2@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [25967] AL7FS MI-QRP  
Message-ID: <970901195140\_1188133461@emout18.mail.aol.com>

Jim, AL7FS, is calling CQ on 14.064.5 at 2350Z/1 Sep  
for MI QRP contacts. Good sig into Missouri

KROI

-----  
Date: Mon, 1 Sep 1997 20:03:17 -0400  
From: "\"W. Kimura\"." <W.Kimura@valley.net>  
To: qrp-1@lehigh.EDU  
Subject: [25968] W.T.T. 38 Spl toward Z Match  
Message-ID: <199709020003.UAA10619@norwich.valley.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy folks,

I have a almost virgin 38 Special that I would like to trade for or toward a  
Z Match  
(kit or assembled). The rig is almost virgin in the sense that although the  
bag has been opened, no solder has flowed. Since the dollar values of the  
two are not equal, any reasonable offer will be considered.

72,  
Kim Kimura, N1MVU

-----  
Date: Mon, 01 Sep 97 17:24:00 PDT  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
To: qrp-1@Lehigh.EDU  
Subject: [25969] Re: Help -Toroids with shorted turns

From: Ed Pacyna <pacyna@auratek.com>  
W6RCA>Hi Ed, do you agree that a shorted turn will carry a high current  
W6RCA>and that current will oppose the flux in the coil?

>Nope, have tried but can't see the significance and/or relevance.

Hi Ed, the toroid's magnetic field induces a voltage in the shorted  
turn. The voltage in the shorted turn causes a high current to flow  
in the shorted turn. The high current causes additional  $I^2R$  losses.  
The high current in the shorted turn generates a flux that opposes  
the flux in the toroid. The flux density drops causing the inductance  
to drop. So XL is decreased and effective R is increased. Therefore

'Q', the ratio of XL/R, decreases.

73, Cecil, W6RCA, OOTC

-----  
Date: Mon, 1 Sep 1997 20:31:35 -0400 (EDT)  
From: Mike Czuhajewski <wa8mcq@u1.abs.net>  
To: qrp forum <qrp-l@Lehigh.EDU>  
Subject: [25970] QRP ARCI adds family membership  
Message-ID: <Pine.BSI.3.93.970901200908.426B-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This probably won't affect many people, but I just wanted to announce that the QRP ARCI has added a family membership which will let immediate family members in the same household all be QRP ARCI members without having to pay for multiple copies of the QRP Quarterly. Details available on request.

73 and Queue Our Pea DE WA8MCQ                      wa8mcq@abs.net  
(President, QRP ARCI)

-----  
Date: Mon, 1 Sep 1997 19:58:32 -0500  
From: kb0pte@juno.com (Jerry W Alexander)  
To: QRP-L@lehigh.EDU  
Subject: [25971] WAS ON 40M  
Message-ID: <19970901.195833.3806.0.KB0PTE@juno.com>

Hello Gang,

I am trying to get a WAS on 40m CW, but can not get everyone to send QSL cards. These are the states that I still have open, AK, AR, AZ, CA, DE, HI, ID, KS, MA, ME, MT, NE, NH, NV, PA, RI, SD, TN, UT, VT, WA, WV, WY. I have worked a lot of these and they just won't send cards, so I will try a different route. If you guys can help, Thanks a lot. I have tried all times at night but keep getting the states that I have cards for. What would be a good time to get on 40m to get some of these states? Hope to see you on 40mtrs. Have a great day or nite.

73  
KB0PTE  
Wayne



QRP-L # 1058

-----  
Date: Mon, 01 Sep 1997 17:12:58 -0800  
From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennnc@alaska.net>  
To: qrp-l@lehigh.EDU  
Subject: [25972] AL7FS taking a break at 0110Z  
Message-ID: <340B681A.3495@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Band has faded down. I am taking a break.

18 Qs so far. 9 S/P/C  
NQ7X Sorry I lost you.  
N3LAZ Sent you full info but you faded out to zero.

--  
Jim Larsen  
Anchorage, Alaska  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
2 meter WAS #36  
Vision VR40

-----  
Date: Mon, 1 Sep 1997 21:11:24 -0400  
From: Scott Thomas <n1st@ntplx.net>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [25973] Wanted: radio images!  
Message-ID: <01BCB71B.A135F840@pc6651.hsd.utc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Greetings all. I've been away from the list for about 2-3 months. It's =  
interesting to see that the topics have not changed much except for =  
Bubba which is new to me. In any case I'm in need of a few things. =20

Would someone please fill me in on the latest regarding the QRP+ =  
reincarnation from SGC. Wasn't it to be available soon?

I also need some gif or jpg image of a TT515, QRP+, and OHR400. I'd =  
like to add them to my web page and would gladly list a credit if =  
wanted.

Thank you,  
Scott ; N1ST  
<http://www.qsl.net/n1st>  
n1st@qsl.net

-----  
Date: Mon, 01 Sep 1997 21:18:42 -0400  
From: Joseph Trombino jr <joebarb@wilmington.net>  
To: QRP-L@Lehigh.EDU  
Subject: [25974] CIA 50th Anniversary Station On 40 meters  
Message-ID: <3.0.1.32.19970901211842.00685c58@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello gang: How many of y'all can say you have had a QSO with the Central  
Intelligence Agency -- better known as the CIA??? Well, the Agency is  
celebrating its 50th anniversary (no flames, please) and the special event  
station NN50CIA is on 7026Khz right now (0109Z/9:09PM EDT) and is 20db over  
S9 here in North Carolina.

Believe it or not, they are giving out QSL information, really! I know  
there is a QRP contest on but why not drop down to 7026 and give them a  
call--hey guys, this is no gag, it's on the level!! You might never have  
this opportunity again to work a real rare one!! Good luck!!

Cheers and 72/73,

Joe W2KJ

email:  
joebarb@wilmington.net

-----  
Date: Mon, 1 Sep 1997 21:24:48 -0400 (EDT)  
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [25975] Digital VFO Kits/Plans?  
Message-ID: <Pine.A32.3.93.970901212000.49110B-100000@weyl.math.Virginia.EDU>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm looking for information about synthesized vfo kits, or plans for building one. I've seen the S&S Engineering offerings, and I'm wondering what other options might be available. Please reply directly. Thanks!

72, Ralph N7RI  
Charlottesville VA

-----  
Date: Mon, 01 Sep 1997 18:38:46 +0000  
From: Roger Hightower <n7kt@dancris.com>  
To: kb0pte@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [25976] Re: WAS ON 40M  
Message-ID: <340B0BB6.715A@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you haven't gotten cards from that many contacts, maybe you're not doing it right.

Did you send a card? And, most importantly, an SASE? Without either (or sometimes both) of those, I don't qsl. I won't spend the postage for a contact I don't really need without first getting a card...if no card, then there'd better be an SASE.

Just common courtesy.

--  
72/73, de Roger, N7KT                      Mesa, AZ  
AK-QRP 167, ARCI 8946, CQC 176, G-QRP 9081, NE-QRP 383, NORCAL 1099,  
QRP-L 62

-----  
Date: Mon, 1 Sep 1997 21:13:49 -0500  
From: kb0pte@juno.com (Jerry W Alexander)  
To: QRP-L@lehigh.EDU  
Subject: [25977] RE: WAS ON 40M  
Message-ID: <19970901.211350.4270.2.KB0PTE@juno.com>

If you haven't gotten cards from that many contacts, maybe you're not doing it right.

Did you send a card? And, most importantly, an SASE? Without either (or sometimes both) of those, I don't qsl. I won't spend the postage for a contact I don't really need without first getting a card...if no card, then there'd better be an SASE.

Just common courtesy.

--

72/73, de Roger, N7KT                      Mesa, AZ  
AK-QRP 167, ARCI 8946, CQC 176, G-QRP 9081, NE-QRP 383, NORCAL 1099,  
QRP-L 62

For your info I have sent cards twice to them. I guess HAMS don't QSL like they once did. I have never ask for SASE, I thought it was part of the HOBBY. If you can't afford .20 or .32 for a courtesy QSL after a QSO you should get out of the HOBBY. Have a great day.

73 KB0PTE  
WAYNE

-----  
Date: Mon, 1 Sep 1997 23:12:33 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: "qrp" <qrp-l@Lehigh.EDU>  
Subject: [25978] Fw: CX Message repeat (Another contest that may interest some of the qrp gang)  
Message-ID: <199709020206.WAA23498@atl.org>

Here's one for the guys who homebrew or run older gear. Everyone is welcome but old or HB gear will get you a better score.

-bob

-----  
| From: MODSTEPH@ACS.EKU.EDU  
| To: Old Tube Radios <boatanchors@theporch.com>  
| Subject: CX Message repeat  
| Date: Sunday, August 31, 1997 4:17 AM  
|  
| ...and sorry about the bandwidth. Noticed that some of the  
| frequencies were messed up too... And figured that I had a mix of

fonts in constructing the message, which led to the problems. This SHOULD be a cleaned up one - and sorry about that. Be there anyway!!!

73, Al N5AIT

1997 Fall Classic (& Homebrew) Radio Exchange

The Classic Radio Exchange ("CX") is a contest celebrating the older commercial and homebrew equipment that was the pride of our ham shacks and our bands just a few short decades ago. Our object is to encourage restoration, operation and enjoyment of this older equipment. A "Classic" radio is at least ten years old (age figured from first year of manufacture), but NOT required to participate in the Classic Exchange. YOU MAY USE ANYTHING in the contest, although new gear is a distinct scoring liability. You can still work the "great ones" with your new equipment!

The Classic Exchange will run from 1900 UTC September 28, to 0400 UTC September 29, 1997. Exchange your name, RST, QTH (state/province for US/Canada; country for DX), receiver and transmitter type (homebrew send final amp tube or transistor), and other interesting conversation. The same station may be worked with different equipment combinations on each band and on each mode. CW call "CQ CX;" phone call "CQ Classic Exchange." Non-participants may be worked for credit.

Suggested frequencies:

CW: 3.560, 7.060, 14.120, 21.180, 28.240

Novice/Tech Plus: 3.695, 7.120, 21.180, 28.240

Phone: 3.880, 7.290, 14.280, 21.380, 28.320

7.060 and 3.560 tend to be the most popular CX frequencies.

Scoring: Multiply total QSO's (all bands) by total number of different receivers plus transmitters (transceivers count as both xmtr and rcvr) plus states/provinces/countries worked on each band and mode. Multiply that total by your CX Multiplier, the total years old of all receivers and transmit-ters used, three QSO's minimum per unit. For transceiver, multiply age by two. If equipment is homebrew, count it as a minimum of 25 years old unless actual construction date or date of its construction article (in the case of a "reproduction") is older:

Total QSO's all bands  
times

RCVRs + XMTRs + states/provinces/countries  
(total each band and mode separately; add totals together)  
times

CX Multiplier:

| SCORE = QSO's x ( Rx + Tx + QTH's) x CX Mult  
|

| Certificates and appropriate memorabilia are awarded every now  
| and then for the highest score, the longest DX, exotic equipment,  
| best excuses and other unusual achievements. Send logs, comments,  
| anecdotes, pictures to Jim Hanlon, P.O. Box 581, Sandia Park, NM  
| 87 47, or to Marty Reynolds, AA4RM, POB 13354, Atlanta, GA 30324.  
| Include TWO-stamp SASE for next CX Newsletter and announcement of  
| next CX.  
|

-----  
Date: Mon, 1 Sep 1997 19:36:45 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [25979] Spartan/MI Sprints - Stranded :-(  
Message-ID: <199709020236.TAA10519@usr09.primenet.com>

Howdy Folks,

Well what would have been a perfect QRP weekend was vaporized when the stomach flu hit hard at Chez Gervais. Wife suffered through it all day Sunday, today was my turn. No Spartan/MI QRP Sprints for me. :-( Nuts. Hope prop picked up for everyone and many QSOs were had.

On a side note, I can report that when trapped on the porcelain throne for extended periods of time, NA5N's QRP Data Book makes \*excellent\* reading. I'm not sure this was the kind of endorsement Paul was looking for, but ya can't hide the truth. :-)

"4 out of 5 QRPers trapped in the john prefer NA5N's Data Book to any other title...."

Sorry for missing out on the fun. Gotta go. I feel a thorough reading of capacitors coming on.... :-\

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What kind of sycophant are you?!"  
"What kind of sycophant do you want me to be?"  
- 101 Dalmations (the Movie)

-----  
Date: Mon, 1 Sep 97 22:39:36 EDT  
From: Joel Malman <malman@BBN.COM>  
To: larsennc@alaska.net  
Cc: malman@BBN.COM, qrp-1@lehigh.EDU  
Subject: [25980] AL7FS tonight !!!  
Message-ID: <199709020240.WAA122989@nss2.CC.Lehigh.EDU>

Jim .. AL7FS:

Just a WONDERFUL signal to New England here tonight! Just blasting through the 'local W/K' QRM on 20 meters. What you need to do is a story in QST re the antenna(s) and radios (and don't forget lots of pictures!).

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)

-----  
Date: Mon, 01 Sep 1997 21:43:36 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: kb0pte@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [25981] Re: WAS ON 40M  
Message-ID: <340B7D58.8FC@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> For your info I have sent cards twice to them. I guess HAMS don't QSL  
> like they once did. I have never ask for SASE, I thought it was part of  
> the HOBBY. If you can't afford .20 or .32 for a courtesy QSL after a QSO  
> you should get out of the HOBBY. Have a great day

I agree with Roger. If you dont want to wait a long time to complete WAS you are either going to have to work a lot of stations or send SASEs to those you work.

When postage was a penny or two per card, qsling was inexpensive. At 32 cents a pop its not (who has 20 cent stamp when you need one and besides cards look so much better when sent in an envelope). Heh its all new to you but to someone who has worked 1500 stations in California in the past five years, another W6 is going to have to create a real positive impression during a qso to warrant a card without an SASE.

YOU want the card; therefore, YOU must take the responsibilty for the

exchange. The other station will most often comply if you make it easy for him, both in terms of cost and time. If you don't send the SASE and complain about the return rate, it's your loss, not theirs.

Remember for many hams, qsling within the USA is of little or no interest. DXers want cards from DX, contesters want contest points, ragchewers want to talk, experimenters want to try out a new rig.

Good luck with the quest. 73 de Dave, N0IT

-----  
Date: Mon, 1 Sep 1997 21:52:52 -0500  
From: kb0pte@juno.com (Jerry W Alexander)  
To: QRP-L@lehigh.EDU  
Subject: [25982] RE: WAS on 40M  
Message-ID: <19970901.215252.14878.0.KB0PTE@juno.com>

Well guess I will have to do this a different way. Thanks for everyone's input. I have gotten a lot of QSL Cards that don't have an SASE in them and sent them a card, guess I should have not sent them one either, and be like everyone else. Guess I need to get up with the 90s. Thanks again and have a great day.

-----  
Date: Mon, 01 Sep 1997 19:18:31 -0800  
From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"  
<larsennnc@alaska.net>  
To: Joel Malman <malman@BBN.COM>  
Cc: qrp-l@lehigh.EDU  
Subject: [25983] Re: AL7FS tonight !!! - Comments  
Message-ID: <340B8587.B14@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Joel Malman wrote:

>  
> Jim .. AL7FS:  
>  
> Just a WONDERFUL signal to New England here tonight! Just blasting through  
> the 'local W/K' QRM on 20 meters. What you need to do is a story in QST re  
> the antenna(s) and radios (and don't forget lots of pictures!).  
>  
> /joel wa1qvm (malman@bbn.com ... Concord, Ma.)



Joel, I am glad we made it. Thanks.

Actually, I was at my home station today. I was running a KLM-KT34A at 40 feet and 5 watts. That is all. I was out at KL7Y's station yesterday.

Worked 33 Qs and about 17 S/P/Cs. Plus a couple of QRO stations, one of which I would have loved to work QRP in NB but he said I wasn't hearing him QRP. Actually I had copied partials on him but was unable to communicate that to him.

I felt like I was back on EME for many of the QSOs. If you got a 229 from me you were QSB in and out of the noise floor and making me sweat. :-)

I KNOW there were other calling but the QSB was vicious today. And the paths were mostly out of Alaska not into. Seems it should be even but apparently not. Shows you what I know about propagation.

Two days, two contests. Whew!

Thank you all. It was fun from the home station today.

73, Jim, AL7FS

--

Jim Larsen  
Anchorage, Alaska  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
2 meter WAS #36  
Vision VR40

-----  
Date: Mon, 1 Sep 1997 22:28:02 -0500 (CDT)  
From: george fremin iii <geoiiii@bga.com>  
To: kb0pte@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [25984] Re: WAS on 40M  
Message-ID: <199709020328.WAA15336@zoom.bga.com>  
Content-Type: text

>Well guess I will have to do this a different way. Thanks for everyone's  
>input. I have gotten alot of QSL Cards that don't have an SASE in them  
>and sent them a card,guess I should have not sent them one either,and be  
>like everyone else. Guess I need to get up with the 90s. Thanks again and

>have a great day.

I would like to throw my .32 cents in to the ring on the QSLing.  
I am a very active contest op. As a result I get alot of QSL cards.  
It is not uncommon to get over 100 cards for the fone SS when I make  
around 2000 qsos. Most do not come with and SASE. through the  
course of the year I might make over 10000 QSOs - you do the math  
on the postage and the cost of printing cards. This added up  
with the time it takes to fill out the cards you might be able  
to see why some folks do not respond to QSL cards well.  
I am glad that I live in Texas (a common state) and not  
in some rare state as the QSL rate must go through the roof.

Having said all that - I would like to add:

I RESPOND 100% to the cards that I receive - as others have  
stated I feel it is part of the hobby and I will gladly foot  
the costs and spend the time.

Have fun - I am looking forward to your QSL cards.

73

--

George Fremin III  
Austin, Texas C.K.U.        "It is hard to be in one place at the same time."  
K5TR                        -- Overheard at the TR-Log booth  
512/416-7010                at the Dayton Hamvention  
geoiii@bga.com

-----  
Date: Mon, 1 Sep 1997 23:38:56 -0400  
From: Steve Heyroth <sheyroth@compuserve.com>  
To: QRP-L <qrp-l@lehigh.EDU>  
Subject: [25985] 38S (If It Ain't Broke...)  
Message-ID: <199709012339\_MC2-1ED3-9409@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

As I reported soon after building it, my 38S worked  
the first time. I never got around to putting it in  
a case though...busy with my patented 5/5 construction  
technique on my OHR100 (5 months of getting ready and

5 evenings of frantic soldering before 50/40/30).

So, about to put it in a box, I tinkered with it and removed a turn or 2 from T1. I only had one peak and thought, "if it's this good with one, it ought to be great with two." Wrong. Now I have a bunch of foreign broadcast =

interference all across the band...I guess it's at the IF.

Has anyone else had this? Will it go away if I rewind T1? Might it go away anyway when I put it in a metal case? Are there badgers in Kansas?

72,

Steve N5CLU

-----  
Date: Mon, 1 Sep 97 21:05:04 -0700  
From: Russ Carpenter <russ@natworld.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [25986] The Accidental Twofer Rocked and Rolled  
Message-ID: <199709020404.VAA10355@guppy.pond.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Here in the Beaver State, the overlapping Spartan Sprint and Michigan QRP Club Labor Day Sprint were the perfect capper for the Labor Day weekend. I was especially gratified to hear so many 20 meter stations during the first hour of the Spartan Sprint. It nearly blew my fuses, but I ended up with a 56 Qs during the two hour Spartan Sprint--the best I've ever done.

Thanks to all of you who made the Accidental Twofer such a good time.

Russ Carpenter, AA7QU

-----  
Date: Mon, 1 Sep 1997 21:12:07 -0700 (MST)  
From: ruswhite@netzone.com (Russell W. White)  
To: qrp-l@lehigh.EDU  
Subject: [25987] AZ ScQRPion monthly meeting  
Message-ID: <199709020412.VAA02655@nz1.netzone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

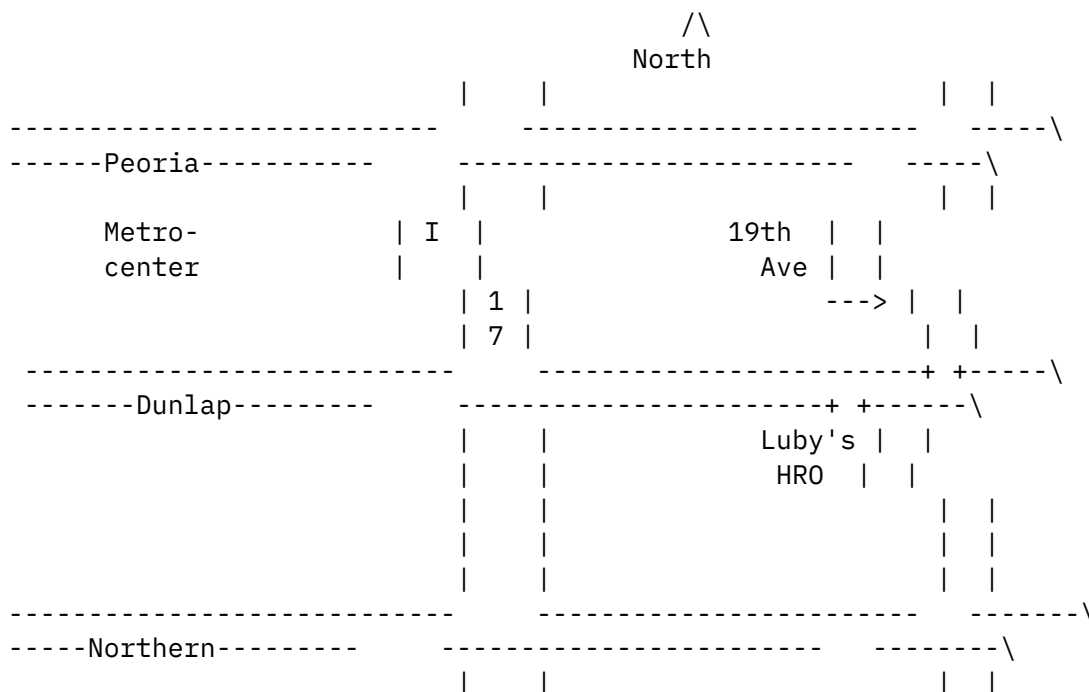
This Saturday, September 6, 1997, being the First Saturday of the month, is the day of the next meeting of the AZ ScQRPions.

Said meeting of stated organization will unofficially (nothing in the club is official) kickoff at 10:30 AM.

Location of the meeting is Luby's Cafeteria, located on Dunlap Avenue (one of the exits for Metrocenter) just west of 19th Ave, which is east of I17 (Black Canyon Freeway).

There will be Show & Tell ( bring it if you've got it) talking and lunch (dutch treat).

There is construction at Dunlap and I17, so, if you are not familiar with the area then Northern or Peoria might be a good alternative.



Be there, aloha

Russ White AB7JX  
Phoenix AZ

QRP-ARCI  
QRP-L#179

NORCAL

NEQRP  
AZ ScQRPion

<http://www.netzone.com/~ruswhite>

"Government is not reason. Government is not eloquence. It is force. And, like fire, it is a dangerous servant and a fearful master."  
---George Washington

-----  
Date: Mon, 1 Sep 1997 21:11:50 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: kb0pte@juno.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [25988] RE: WAS on 40M  
Message-ID: <199709020411.VAA18499@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:52 PM 9/1/97 -0500, you wrote:

>Well guess I will have to do this a different way. Thanks for everyone's  
>input. I have gotten alot of QSL Cards that don't have an SASE in them  
>and sent them a card,guess I should have not sent them one either,and be  
>like everyone else. Guess I need to get up with the 90s. Thanks again and  
>have a great day.

>

>

Everyone has a different method, I guess, but if I get a card without an  
SASE, I just go ahead and send one back.

When I send out a card, I always include an SASE, unless, of course, I am  
responding to one sent to me.

Whatever works, but if you need a card, the SASE really helps.

^^^^

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

33.334500N -111.87260W

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

-----  
Date: Mon, 1 Sep 1997 21:18:22 -0700  
From: "Dennis B. Dolle" <dolledb@cet.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [25989] Ten Tec 1330 (Long)

Message-ID: <199709020419.VAA31707@cet.cet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Fellow masochists,

Just finished building a Ten Tec 1330 kit yesterday. Thought those of you looking for a new kit project might be interested in hearing about my experiences. If not...well, there's always the ol' delete button.

I ordered the kit right in the middle of the UPS strike (along with a Ten Tec Direct Conversion, all-band receiver kit for a later project). Sent the order by mail and received the kits about two weeks later via USPS. Ten Tec shipped anyway...a plus in my book. Had some free time last week and started assembly.

The kit comes well packed with parts sorted by type in small plastic bags. There are capacitors in one bag, transistors in another bag, hardware in another...you get the picture. The circuit board is first rate and as good as the best I've seen from other quality outfits like S&S Engineering. Silkscreened, solder masked with plated-through holes. All parts are also of excellent quality. The kit comes with case, speaker, knobs, pots and jacks...everything you need to make a working transceiver. The completeess of the kit makes this radio one of the best deals I've seen in the world of QRP merchandizing. Only \$95.00 plus shipping (\$6.00 if your order totals less than \$100.00).

The manual is spiral bound and contains 28 reference pages and 46 pages of assembly instructions. There are foldout pages showing the circuit board component side with x-ray view in red, mechanical assembly and circuit diagrams of some assembly phases. There is also an insert with full schematic and parts placement by assembly phases to reduce the amount of flipping back and forth in the manual during parts placement. Overall, the manual is well written with only a few minor errors that seem to have crept in during some former revision of the manual. For example, in one place the manual refers the builder to a page that does not contain the referenced information requiring a little search to access the data.

The kit contains over 300 parts (including hardware) so there is a fair amount of assembly to be done. The power transistor was the only part missing from my kit, but a call to Ten Tec on Monday morning had the part to me in eastern Washington state by Friday. Parts density on the circuit board is fairly high so the builder must exercise some care in soldering. The board is of such good quality that soldering is not too difficult, but I did get a few solder bridges that I luckily caught when I made them. My Weller WTCP iron with a 700 deg PTA tip worked just fine. I did the assembly with Radio Shack rosin core solder in .031 diameter (not my

favorite stuff, but worked fine). I took my time and assembled the kit over the course of a week. I'd call this about a five evening kit, but I really enjoy building and like to work slowly and follow the instructions. Your mileage may vary.

The manual walks the builder through assembly in eight phases...keying circuit, transceiver VFO, transmit mixer and 10.1 bandpass filter, receiver IF stages, receiver BFO and audio amplifier, receiver AGC and op-amp audio filter, transmit driver/amplifier/output filter, and final assembly and alignment. I found this a little different than my normal assembly style. I like to load the board with the short stuff first (diodes and resistors), then proceed incrementally through the taller stuff like capacitors, crystals and slug-tuned inductors. I didn't find any problem in building in stages, though. The advantage of the stage building method is in that Ten Tec provides progress tests at the end of almost every stage. Therefore, if things go haywire, the amount of troubleshooting is limited to only the last stage built. In my case, every stage worked as advertised through complete assembly. The rig fired up perfectly when the last stage was complete.

This radio can be built with a minimum of test equipment. In fact, I think it could be built with only a VOM and another transceiver with accurate frequency display. I did find a frequency counter to be very convenient in setting the RIT and VFO coverage, but the manual outlines alternate methods. I used a DMM connected to the speaker terminals to align the receiver stages and went back and did the job by ear using off the air signals. It seemed that my initial alignment was very close.

In the end, my 1330 covers 10.099 through 10.176 Mhz, a little more than specified. The receiver is very sensitive and the rig is very stable...in fact I've noted no drift and ops on the receiving end of the first QSOs with the rig have commented on the 1330's stability. The sidetone is clean and listening through another receiver and on-air reports verify that the transmitter does a good job. The rig includes RIT, but no adjustable audio filter. My rig puts out about 5 watts at 13.8 volts DC, but that is not a scientific calculation (taken from my QRO wattmeter). Output power is not adjustable. The rig is supplied with a 1/4 inch stereo phone jack. The rear panel includes an SO-239 antenna connector and RCA jacks for DC power input, DC power output and key. Of course, this does not match any of my other QRP rigs. The only real complaint I have is the choice of the RCA jacks for DC power (see my previous post about how I almost burned up my house and/or car with a 7Ah gel cell battery). I prefer barrel connectors for this job and will do the mod later.

Am I happy? You bet. Hooked up with Doc, K0EZV, shortly after completing the rig and had a nice long rag-chew until the band slipped out from under us. Other contacts have been enjoyable, as well. I recommend this kit for anyone that can do a halfway decent job with a soldering iron.

The usual disclaimer do certainly apply.

Keep those soldering irons hot.

Dennis, NX5W

-----  
Date: Tue, 02 Sep 1997 04:25:12 +0100  
From: "Brian K. Short" <shortckt@primenet.com>  
To: qrp-l@lehigh.EDU  
Subject: [25990] FOXHUNT Mailing List  
Message-ID: <3.0.3.32.19970902042512.00ee9d50@mailhost.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

#### FOXHUNT Mailing List

FOXHUNT is a mailing list (reflector) devoted to the discussion of hidden transmitter hunting and direction finding.

- \* Equipment
- \* Fox Hunts
- \* Direction Finding
- \* Beacons
- \* Schedules and Coordination
- \* Buy, Sell
- \* Anything Else Related

To join the mailing list, send email as follows:

TO:           majordomo@qth.net  
SUBJECT:  
BODY:        subscribe foxhunt

To be removed from the mailing list, send email as follows:

TO:           majordomo@qth.net  
SUBJECT:  
BODY:        unsubscribe foxhunt

To post to the mailing list:



TO: foxhunt@qth.net

This reflector is sponsored by Al Waller (K3TKJ).

Please address any questions to: k7on@qth.net

-----

-----  
Date: Tue, 02 Sep 1997 04:30:25 -0400  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
To: qrp-l@Lehigh.EDU  
Subject: [25991] HW-8 not single conversion  
Message-ID: <3.0.16.19970902042942.2faf689e@som-uky.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I think I mistakenly said that the HW-8 had a single conversion receiver. I meant direct conversion.  
...rich

-----  
Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>  
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

-----  
Date: Mon, 01 Sep 1997 21:14:48 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-l@lehigh.EDU  
Subject: [25992] MI Labor Day Sprint - Life is Good  
Message-ID: <340B92B8.29EA@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wow, conditions were the best that I have seen in a long time to the East from AZ on 20M. Worked a lot of eastern stations, and several were under 1 watt. Most were good copy, some were down right ear splitting. I used my trusty old OHR Explorer II. Although I sent 5 watt as the exchange, I was really running closer to 2.5 watts output. I gotta do that 5 watt mod one of these days...

Thanks to all for the exceptional operating out there. Looks as if we were all able to spread out a bit on 20M as well this time. 40M here was VERY noisy as there were quite a few thunderboomers in the area, it's the end of our monsoon season here in the Southwest, so didn't try 40M.

Thanks to HP1AC, who called me off the back of my beam! Your patience is appreciated.

Two great QRP contests in one weekend... ahh, life is good.

My score:

65 QSO's  
187 points X 25 SPC's X 1.5 (HB XCVR) = 7,012 total score.

--

```
*****
* Brian D. Kassel W5VBO - QRP - ScQRPion *
* QRP-L #404 - ARCI #3623 *
*****
```

-----

Date: Tue, 02 Sep 1997 01:04:06 -0500  
From: Glen Reid <k5hgb@flash.net>  
To: QRP-l List <qrp-l@lehigh.EDU>  
Subject: [25993] CENTRAL TEXAS QRP GROUP MEETING NOTICE  
Message-ID: <340BAC55.E1DA54C7@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The first meeting of the  
CENTRAL TEXAS QRP RADIO GROUP  
will take place:

Saturday  
September 6, 1997  
10 AM

MOTOROLA OAK HILL PLANT  
6501 William Cannon Drive West  
AUSTIN

TOWN LAKE ROOM  
Enter through the Main Entrance, ask security guard for directions to  
Town Lake Room.)

Everyone Will Receive a Door Prize! - SPECIAL PRIZES!

Bring your projects for Show and Tell.

The MOTOROLA Oak Hill Plant is near the intersection of US 290 and TX  
71, southwest of downtown.

IF YOU ARE PLANNING TO ATTEND PLEASE SEND ME AN RSVP EMAIL SO THAT I CAN  
ARRANGE FOR THE CORRECT COFFE SERVICE.

For additional information contact:

GLEN REID, K5HGB  
512 263 9767 or Email k5hgb@flash.net

--  
GLEN REID  
K5HGB/M0BGF  
Austin, Texas  
...in the beautiful hill country of TEXAS...

Email: k5hgb@flash.net

-----  
Date: Tue, 02 Sep 97 06:08:32 -0500  
From: Larry Trullinger <kb0emb@swbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [25994] AA mAh ?  
Message-ID: <199709021105.GAA04237@SWBELL.net>

-- [ From: Larry Trullinger \* EMC.Ver #2.5.02 ] --

Gang,

Does anyone know where I can find information on the mAh ratings for alkaline and lithium AA cells ? Thinking about putting two AA four cell holders (8 batteries) together for a power pack on the SST. Need a power source to use for winter backpacking so the ounces count. Thanks in advance for the input.

72        de kb0emb        Larry

-----  
Date: Tue, 2 Sep 1997 07:43:42 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@lehigh.EDU>  
Subject: [25995] Re: AA mAh ?  
Message-ID: <Pine.LNX.3.93.970902073943.445A-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Sep 1997, Larry Trullinger wrote:

> Does anyone know where I can find information on the mAh ratings for  
> alkaline and lithium AA cells ? Thinking about putting two AA four cell

Well, a Duracell AA says it's 2850 mAh, kind overkill for and SST methinks. Take a look at <http://www.duracellusa.com/Info/bigfive.html>  
You might be able to use two and "step" up the voltage, ala the article in QST a month or two ago...

-- Chris Cartwright,    Technical Engineer    |        ccart@vidtel.com        --  
-- N3XRV                QRP WAS 17/9 (w/c)    |        ccart@erols.com        --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | <http://dns.vidtel.com/~ccart> --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

-----  
Date: Tue, 2 Sep 1997 08:02:25 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [25996] What hath K5FO wrought?  
Message-ID: <Pine.LNX.3.93.970902074345.445B-100000@dns.vidtel.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The internet is going to kill ham radio, yeah, yeah, blah, blah, blah... I turned on the radio Sunday, and "here a BUBBA, there a BUBBA, everywhere a BUBBA BUBBA":) Then last night on my four hour drive home, I hear "CQ MI QRP" and "CQ SP" all over the place. Now I know these contests would happen without the list, but announcing them here makes it sound like field day on weeknights! So from one "newbie", Thanks Chuck!

Because of the list I have gone from a Tech who was never going to do that beepin' stuff, to an Adv and almost exclusive CW operation, and VE certification. Mostly due to information and encouragment from the list. And how many upgrades came (will come) from the fox hunts. It seems to me that the internet has helped ham radio more than harmed it.

As I make my living "on the net" I like having QRP there all the time. Sure makes it a lot more fun since I can't have a radio with me all the time but "they" make me use a computer for "work". And thanks to everyone on the list for making it \*THE\* list to be on. 72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --
-- QRP-L #655 NORCAL   #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

-----

Date: Tue, 2 Sep 1997 07:08:23 -0500  
From: crc@io.com (charles crouchet)  
To: k5hgb@flash.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [25997] Re: CENTRAL TEXAS QRP GROUP MEETING NOTICE  
Message-ID: <199709021208.HAA23423@mx2.io.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Glen, Count me in for the meeting saturday  
charlie crouchet WA5KRF formerly from South Houston High class of 65  
At 01:04 AM 9/2/97 -0500, Glen Reid wrote:  
>The first meeting of the  
>  
>CENTRAL TEXAS QRP RADIO GROUP  
>  
>will take place:  
>  
>Saturday  
>September 6, 1997

>10 AM  
>  
>MOTOROLA OAK HILL PLANT  
>6501 William Cannon Drive West  
>AUSTIN  
>  
>TOWN LAKE ROOM  
>Enter through the Main Entrance, ask security guard for directions to  
>Town Lake Room.)  
>  
>Everyone Will Receive a Door Prize! - SPECIAL PRIZES!  
>  
>Bring your projects for Show and Tell.  
>  
>The MOTOROLA Oak Hill Plant is near the intersection of US 290 and TX  
>71, southwest of downtown.  
>  
>IF YOU ARE PLANNING TO ATTEND PLEASE SEND ME AN RSVP EMAIL SO THAT I CAN  
>ARRANGE FOR THE CORRECT COFFE SERVICE.  
>  
>  
>For additional information contact:  
>  
>GLEN REID, K5HGB  
>512 263 9767 or Email k5hgb@flash.net  
>  
>  
>--  
>GLEN REID  
>K5HGB/M0BGF  
>Austin, Texas  
>...in the beautiful hill country of TEXAS...  
>  
>Email: k5hgb@flash.net  
>  
>  
>  
>

-----  
Date: Tue, 02 Sep 1997 08:43:26 -0400  
From: Bill Crowley <bcrow@Carte.Net>  
To: kb0pte@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [25998] Re: WAS on 40M

Message-ID: <340C09EE.2DB3@carte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Wayne --

Don't get the wrong idea from some of the "old farts" (If you check, some of those "old" calls are really newbies) who responded to your request for help. Yes, QSLing is the final part of a QSO, and yes, it is common courtesy to enclose an SASE. But just because someone else isn't courteous doesn't mean you have to be the same way. Keep smiling and keep sending the cards when requested; you'll be the better person for it!

And my offer of a sked from Maine still stands!

72/73 de Bill, K1NIT

-----  
Date: Tue, 02 Sep 1997 08:04:24 -0500  
From: "Jeff M. Gold" <jmg@tntech.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [25999] Generator  
Message-ID: <340C0ED8.99093494@tntech.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

All,

I have had a number of people write me about the Signal Generator kit (\$28). I have completed building it, and now trying to get it aligned. I have run into a few minor problems getting it to align correctly on some "band" settings. I have emailed the producers of the kit.

72

Jeff, AC4HF

--

Jeff M. Gold, Manager  
Academic Computing Support  
Tennessee Technological University  
(615)372-3979





-----  
Date: Tue, 2 Sep 1997 08:31:42 -0500  
From: ac5am@juno.com (Robert L Stolzle)  
To: qrp-1@Lehigh.EDU  
Subject: [26001] MI QRP Sprint: Wild and Wooly  
Message-ID: <19970902.083156.3598.0.ac5am@juno.com>

What a wild and wooly MI Sprint last night. (Thanks to propagation)

Started out pretty good on 20M wkd 17 first hour.(everyone new... that helps)

Ran out of stns to wk on 20 and signals getting weaker so went to 40... worked  
only 6 in next hour... too much QRN and signals weak here too.

Almost threw in the towel..

Went back to 20M and then things started popping... WOW!!! almost everyone 599+ even the  
1and 2 watters some 10db over. Worked 36 in 80 minutes or so... had a pile-up at times!!!  
Back to 40M and good there too to finish off a WILD contest..

WHAT AN IONOSPHERIC ROLLER-COASTER RIDE!!! Seems like just before 20M died it got  
hot as pistol. Checked 15M and 10M a few times and no good..

Running the usual 1W from an Argo 515... Ants, 40M dipole and 3 element yagi on 20M..  
73 QS0's, 235 QS0/pts, 34 SPC's Score at first count 7990. (don't know about pts for working WQ8RP?)

Hope everyone had as much fun as I did. AE0Q/7 almost overloading my receiver at times. Glen, were you runinng a KW or WHAT???

72/73, Bob AC5AM

-----

Date: Tue, 2 Sep 1997 09:47:39 -0400  
From: rerobins@unccvm.uncc.edu (Rick Robinson)  
To: qrp-1@Lehigh.EDU  
Cc: K5xu@cris.com  
Subject: [26002] Porky Pig, ham op  
Message-ID: <v02130501b0318f6a7b2d@[152.15.144.13]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Phil, k0nx, writes

<snip ... snip>

>Porky pig, or someone in the cartoon, was  
>doing something with a radio and trying to communicate with somebody.  
>The code was perfect and the guy was sending I am sending cw for a porky  
>pig cartoon.

Seems like one of the folks who worked at Warner Bros. with "Merry Melodies" and "Looney Tunes" was a ham. Don't know if it was Chuck Jones, Friz Freling, Mel Blanc, or someone else. I seem to remember a silent key announcement several years ago that mentioned this.

Anybody remember who it was?

72,

Rick kf4ar

-----  
Date: Tue, 2 Sep 1997 08:52:18 -0500 (CDT)  
From: Bill Morris Denton <bdenton@tenet.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [26003] MI Laborday SP/W5SB  
Message-ID: <Pine.OSF.3.96.970902083309.28614A-100000@Joyce-Perkins.tenet.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang, Enjoyed my first MI Labor Day Sprint. Didn't intend to work to much of it. It got off to a slow start and my interest was declining since I had been suffering from a summer cold all weekend. 20 was in great shape and really quite. Activity picked up and I wound up working the whole thing. I move to 40 about 0140Z. Boy what a shock. You talk about noisy! I almost turned the volume down and walk away. I stuck with it and

worked 34 stations. I know that many of you called that I just couldn't pull out the muck. With thunderstorms in the area, it was tuff.

89Q's= 268 Qso points X 43 SPC = 11,524

I had no homebrew points. I have to listed in the tubby division. FT-990 (ext ALC for 5W), power supply and all the other stuff makes for a hefty station. Antennas are homebrew tho.

Enjoyed it..... Bill W5SB

-----  
Date: Tue, 2 Sep 1997 15:09:48 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: jamesd1@flash.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [26004] Re: Bubba Contest  
Message-ID: <199709021409.PAA19808@chuck.dallas.sgi.com>

Jim et.al.,

Good to work you too.

Phyllis and I flew into Phoenix late Friday and met Roger Hightower at the airport. We picked up the rent a car and headed for Prescott AZ.

On Sunday we drove out to a lot on a hill that we have since put a contract on. Two acres on the hilltop with no utilities above ground anywhere in sight. :-) Put up a dipole about 2 meters above ground hanging in the trees. Temperature 80 degrees with 100 percent humidity in a rain storm.

Worked Jim KK6MC/5 and Gary W5BI both in NM and 599 and 579 respectively. Good signals and the only ones that I was able to hear on 40M.

Using 0.95W with SWL-40 and dipole and Environtronic paddle used as straight key at 15WPM. :-)

dit dit K5F0/7

Oh, not a peep of linenoise or other manmade QRM/QRN. Only the 'rare' thunderboomers in the area. What I call the 'visitor effect'.

Chuck Adams K5F0 CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

K5FO's online Morse Code course --- see the home page

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

-----  
Date: Tue, 2 Sep 1997 10:17:23 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [26005] BUBBA/MI QRP/SP Sprints  
Message-ID: <Pine.LNX.3.93.970902100418.856C-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow! What a weekend. I only got to operate about 30 minutes (cumulative) in the BUBBA contest. Had the rig on the deck while I started putting in the new kitchen. Ran out when I could and worked four stations that I must apologize to for the horrendous fist. Besides the fact that I just don't practice enough, my 2 year old finds the paddles fascinating and just loves to "help" daddy. So to those patient souls who worked me, thank you. And just in case, DE N3XRV XX9 MD CHRIS 85F.

I knew I would be /M for the MI & SP but I wasn't sure when they started. Not a real problem though, just listened to 7.040 and exploded when it started, had to tune up 5 to find the engine whine again:) The highlight was working WQ8RP, thanks for slowing down, but I usually send slower than I can copy as the Suburban is a little bumpy. So I guess I go into the VERY VERY TUBBY category, 2 QSO's with a DX70 and a paddle with a 7000 lb base! Although I think I was home (working on the kitchen) by the time the Spartans started. Good thing I was, 2 QSO/7000lbs is 0.000286 Q's / pound. 72 and thanks to all, I had a great weekend all around.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

-----  
Date: Tue, 2 Sep 1997 10:22:05 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [26006] Re: Spartan/MI Sprints - Stranded :-(  
Message-ID: <Pine.LNX.3.93.970902102135.856F-100000@dns.vidtel.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Sep 1997, Joe Gervais wrote:

> Well what would have been a perfect QRP weekend was vaporized  
> when the stomach flu hit hard at Chez Gervais. Wife suffered

Tell the truth Joe, you ate all the Pork Rinds and used up \*all\* the  
McDonalds coupons from the BUBBA contest:) Hope you're feelin' better  
soon,

72

```
-- Chris Cartwright,   Technical Engineer   |      ccart@vidtel.com      --  
-- N3XRV               QRP WAS 17/9 (w/c)   |      ccart@erols.com      --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

-----  
Date: Tue, 2 Sep 1997 09:16:29 -0500  
From: tahrens1@juno.com (Timothy H Ahrens)  
To: qrp-l@Lehigh.EDU  
Subject: [26007] RCA 40582 Info  
Message-ID: <19970902.091630.9110.3.tahrens1@juno.com>

Thanks to all who responded about my dead transistor!

I'll go get one today!

cuall

Tim W5FN

-----  
Date: Tue, 2 Sep 1997 07:36:26 MST  
From: kv7g@juno.com  
To: kb0emb@swbell.net  
Cc: qrp-l@Lehigh.EDU

Subject: [26008] Re: AA mAh ?

Message-ID: <19970902.074038.11534.0.kv7g@juno.com>

Hi Larry, This is not the info that you were looking for, but are you aware that Wal-mart and Radio Shack both have a shrink wrapped pack of 8 AA Nicads?.

Radio Shack #	23-229	600mah	\$19.95	
	23-329	900mah		\$24.99

Bud - KV7G

On Tue, 02 Sep 97 06:08:32 -0500 Larry Trullinger <kb0emb@swbell.net> writes:

>-- [ From: Larry Trullinger \* EMC.Ver #2.5.02 ] --

>

>Gang,

>

>Does anyone know where I can find information on the mAh ratings for  
>alkaline and lithium AA cells ? Thinking about putting two AA four  
>cell

>holders (8 batteries) together for a power pack on the SST. Need a  
>power

>source to use for winter backpacking so the ounces count. Thanks in  
>advance

>for the input.

>

>72 de kb0emb Larry

>

>

-----  
Date: Tue, 2 Sep 1997 07:56:13 -0700 (PDT)

From: Randy Foltz <rfoltz@wsunix.wsu.edu>

To: qrp-l post <qrp-l@Lehigh.EDU>

Subject: [26009] IDAHO BUBBA

Message-ID: <Pine.OSF.3.95.970902074613.32535A-100000@unicorn.it.wsu.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

For Sunday's BUBBA the wife and I headed north of Moscow to a 5000 ft peak. (5000 ft isn't much for you folks in CO and NM, but it isn't too shabby for northern ID) The day was high thin clouds with temps between 77 and 81. Managed to work from AK to FL and MA to AZ, including Floyd at KQ7RP and the BUBBAmiester, AB7TT. The black tent didn't manage to get in

the truck, so no sweat lodges this year. After the event I fixed green enchiladas in the Dutch Oven over a campfire. Pretty fine day!

72,

Randy

AB7TK ARCI QRP-L NORCAL NWQRP ARS

Moscow, ID

-----  
Date: Tue, 02 Sep 1997 22:58:54 +0800  
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>  
To: qrp@pandora.lugs.org.sg  
Subject: [26010] Re: AA mAH  
Message-ID: <340c29ae.pandora@pandora.lugs.org.sg>

Here's something I saved from the past.

>From time to time, the battery-life-question rises.  
In the past, Tim Craig and Scott Rosenfeld have answered  
the question a bit more fully:

```
tc> From: tim@tecno.demon.co.uk (Tim Craig) 08jun95...
tc>
tc> AAA      1.1 Ah      at 10 ohm for 8.5 hrs to 0.8V
tc> AA       2.6 Ah      at 10 ohm for 20.2 hrs to 0.8V
tc> C        6.5 Ah      at 10 ohm for 50.0 hrs to 0.8V
tc> D       15.6 Ah      at 10 ohm for 120.0 hrs to 0.8V
tc> PP3      0.55 Ah     at 470 ohm for 36 hrs to 4.8V
tc> And since the cost/A-hour ratio for D cells is so good it makes sense to
tc> design portable equipment using a SMPSU and a couple of D cells.
```

```
sr> From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu> 09oct96...
sr>
sr>           Ray-O-Vac      Eveready      Duracell      NiCds
sr> Size   Alkaline      Max      Renewal      Energizer      (GOOD ones)
sr> AAA      750          500      1100          1120           270
sr> AA       2000         1000     2450          2450           600
sr> C        5000         3100     7200          7100          2200
sr> D       10000         5000     8900          14250          4400
sr>
sr> What are the advantages? My wife always told me she thought
sr> the D-cell Ray-O-Vac batteries didn't last as long as the
sr> Duracells. Guess she was right, eh? On top of that, note the
```

sr> capacity difference between NiCd batteries (average batteries,  
sr> not high-cap, not typical junk, either).

Somebody mentioned cost. If cost is a factor, then cost-per-hour  
might be the most honest way to view this.

72s,

Charles Cashion, W5ISZ, Plano (Dallas), TX

```
+ - - - - - +
| Did you hear that the Eveready bunny was arrested? |
|           He was charged with battery.             |
|                                                     |
| He was released on bond, and interviewed by the press, |
| he was quoted as saying,                             |
|           "Anybody can have a bad hare day."         |
+ - - - - - +
ARRL NorTex#116 NorCal#1320 QRP-L#76
```

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |
| 9V1ZV      | danwee@singnet.com.sg      |
| QRP-L #667 | 9V1ZV@amsat.org                       |
+-----+-----+
```

-----

Date: Tue, 02 Sep 1997 11:04:50 -0400  
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [26011] What is 10 meter SSB calling freq?  
Message-ID: <v03110704b031dae01223@[132.235.72.186]>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Content-transfer-encoding: 7BIT

Gang,

Excuse the repeated question, but would someone e-mail me the 10  
meter calling freq or if there is one? I noticed that 10 meters was open a  
bit but I wasn't able to get any qso's going.

I tried 28.350 with no success. I'll be glad to post the results  
to the group. Thanks!

73 de NS80



-----  
Date: Tue, 02 Sep 1997 11:08:33 -0400  
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [26012] Need HR2600 manuals  
Message-ID: <v03110705b031dbc7487c@[132.235.72.186]>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Content-transfer-encoding: 7BIT

Gang,

I picked up a nice 10 meter rig from Mike Robinson here on the list, works just fine. I'm looking for an operators manual and schematic for the Uniden HR 2600 10 meter all-mode rig. I like to be prepared in case anything goes wrong.

Be glad to cover costs of copying, mailing and effort if some kind soul would help out! 73 de NS80

-----  
Date: Tue, 02 Sep 1997 11:25:47 -0400  
From: Joseph Trombino jr <joebarb@wilmington.net>  
To: QRP-L@Lehigh.EDU  
Subject: [26013] CIA 50th Anniversary Station NN50CIA  
Message-ID: <3.0.1.32.19970902112547.00691288@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello gang: In reply to all those who sent requests for QSL info for NN50CIA, QSL via KB4EFP. My limited information regarding this special event station indicates that volunteer operators will be operating the station during entire month of September operating 50 Khz above the bottom portions of the CW and PHONE bands (e.i., 14250, 21350, etc). That's all the info I have at this time, I know it is kind of sketchy, but then these folks are supposed to be a little "SPOOKY" aren't they???!!!!:)

Keep those earphones on tight and listen closely for the remainder of the month, you might hear a "SPOOK" instead of a "FOX" or "BADGER"!!!

Cheers and 72/73 from North Carolina, W2KJ

-----  
Date: Tue, 2 Sep 1997 10:11:04 -0500  
From: launerb@crl.com (William H. Launer)  
To: qrp-l@Lehigh.EDU  
Subject: [26014] Re: Bubba Contest  
Message-ID: <v01530500b031dba17692@[192.0.2.1]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP-L Gang,

Chuck wrote:

>On Sunday we drove out to a lot on a hill that we have since put a  
>contract on. Two acres on the hilltop with no utilities above ground anywhere  
>in sight. :-) Put up a dipole about 2 meters above ground hanging in  
>the trees.

That is the sign of a really SERIOUS qrp'r - check out the propagation characteristics of a home site before you commit!

72/73 Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279        qrp arco #3551  
Grid Square EM48RT

-----  
Date: Tue, 2 Sep 1997 08:25:19 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-l@Lehigh.EDU, azqrp@dancris.com  
Subject: [26015] Pictures of QRP'ers  
Message-ID: <199709021525.IAA01064@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have added a page of QRP Friends to my web site. Jay Miller sent me a nice picture of Nancy and Jim Larsen in Anchorage, so I thought I'd start a page called "QRP Friends".

It's on the directory on my page, and if you have a picture of yourself, your YL, or some other qrp'er, feel free to send them to me either via e-mail or snail mail, and I'll put it up. Of course, you should get the permission of the person in the photo before you do.

Thought it would be nice to see some of the folks we have been working on the bands.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

-----  
Date: Tue, 02 Sep 1997 8:28:12 MST

From: Mike Robinson <miker@comlinear.nsc.com>

To: qrp-1@Lehigh.EDU

Subject: [26016] FS: Tek 310a and HB Keyer

Message-ID: <199709021528.IAA04100@gecko.nsc.com>

Fellow QRPers,

I still a few items left that were donated by my boss after the Great Flood of 97 in Fort Collins.

- 1 HB PowerSupply/Keyer/Sidetone \$15
- 1 Tektronics 310A Vintage Oscilloscope (Lets Talk)
- 1 Heathkit SWR meter \$15
- 1 DVM \$25

I opened the keyer this weekend, it puts out power and even sounded a few dits and dahs. This is a custom unit that could prove to be a nice asset on a QRPers bench.

The 310A is a classic with tubes. I don't want to fire it up because I don't have the wherewithall to trouble shoot it. This will cost more to ship

than to buy.

I haven't tested the SWR meter or the DVM yet.

```
=====
73 Michael N7MR                      http://www.frii.com/~michael
Michael.Robinson@nsc.com             michael@frii.com
QRP-L #126                          Norcal #857                CQC #180
=====
```

-----

Date: Tue, 2 Sep 1997 09:02:08 -0700  
From: gsurrency@juno.com (Gary L L Surrency)  
To: qrp-l@Lehigh.EDU  
Subject: [26017] Bubba, MI 'test, & Sept. Sprint  
Message-ID: <19970902.090209.6566.0.gsurrency@juno.com>

Boy, was that fun! Two contests in two days! Remember the Billy Squire song: "2 Daze Gone" ?! I haven't totaled up all the scores yet, but I worked a bunch on this list. Got NQ7RP on Bubba day, and sorry Floyd for the ?? on the name, but I had to be sure it was you and the QRM /QRN on 40m was horrendous!

I had the S&S TAC-1 set up on 40m and the new TS-570D on 20m simultaneously. Even fired up the OHR100 on 20m for a little while for some comparo's. On 20m, I was using the MFJ-452X with a itty bitty BTC-5100 keyboard, and also had the 25+ year old homebrew keyboard from QST July 1969 (W4UX Touchcoder II with memories for CQ and \_callsign\_). Had to shoo April, my 4 yr old away several times, as she likes to press buttons too. :-)

I need an arrangment like the big music organs, where the keyboards are tiered at different levels! Sometimes forgot which one was on which band!!!

The 270 hz CW IF filter option on the TS-570 sure came in handy during some of the operation on 20m when it really got "hot"! I had the bandwidth turned down to 50 and 100 hz at times (with the DSP) and was able to pull out some Q's that just couldn't be separated on the OHR100. With the fine tuning switched on, it was easy to zero in on the desired signal. But I still used the OHR a lot for transmitting. The Fox Hunt this year is gonna be a blast!

A few of you ventured down to 14.055 and up to 14.068 for some Q's, but the \*real\* meat of the contest(s) was just around 14.060.

Didn't get to put in full time on Sunday, since I had baby sitter duty.  
But still had a bunch of fun!

On Sunday during the Bubba thing, I worked Paul (in the doghouse?!), Gary, Duffy, and several other NM QRPers that were coming in like gangbusters. A heck of a lot of fun. Got Jim, AL7FS (man, he sure has great "ears") after a nice tip from Roger, N7KT (thanks!), then continued to work N4BP, W5SB, and many, many others. Sure is fun to work all of you who haunt this QRP-L. And also worked both Bob KI7MN and Bertie Hightower N7XJW, who live a few blocks East of me.

Even though the new TS-570 is a darn good CW rig, I found the TAC-1 sure holds its own on 40m, with the narrow CW filter on and the R/S DSP. The CW note from it is sure sweet to listen to, and the QSK is so silent and clean. Heck of a rig, and not at all overshadowed by the Kenwood rig, costing many times more \$\$\$. And the OHR100 on 20m worked real well, with its great receiver and smooth QSK. I switched around to all of the rigs during the contest(s), and had a ball! Nice to see what each rig can do under severe conditions.

During the MI QRP 'test and the September Sprint, it was hard to tell who was working which contest! Everybody was awfully courteous and patient. After I wound up in a short QSO on 40m, several stations called me for a mini-pileup as I signed with K6FE (he was QRP, anyway!). KI6SN, Rich was one of the callers, and it was a pleasant surprise to work his 1w that was very strong here.

Kudos to Bubba Supremo, AB7TT for a great idea, and also to all who listened for me during the MI and Sept. SP contests. Did everyone else have as much fun as I did?

72 to all,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----  
Date: Tue, 02 Sep 1997 12:28:09 -0500  
From: Christopher Moore <christopher.moore@snet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [26018] QRP Contest Bands  
Message-ID: <1.5.4.16.19970902172809.46d7d792@mail.snet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi listers:

Between the beacons and the Foreign SSB, there's only about 5KHZ of clear space on 40M. 20M isn't much better. Is there any reason we can't use 30M and 17M?

On a related issue, when sweepstakes comes round, are there any rules to prevent the big boys from using the QRP frequencies? If not, we'll have to spend a lot of time waiting in line to make QSOs which won't make for a very exciting contest.

72, Chris W1GM

-----  
Date: Tue, 02 Sep 1997 09:25:44 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: LAGESON@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [26019] Re: Inverted L length?  
Message-ID: <340C3E08.BA@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Don't know if you got an answer about the inverted L.  
I'm still weeding through the pile of email.

The total length is 1/4 wave. You measure from the base lead in to the highest point, vertically and call that length 'A'. Then you measure from that high point to the end of the horizontal section and call that length 'B'.

A+B=1/4 wavelength. I would like to say that you can have many "B's" all extending from the highest point vertically. Typically you see 2 B's. But some use just 1 B.

2B or not 2B, that is the question. -- HI!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 2 Sep 1997 09:29:16 -0700  
From: Michael Fletcher <fletch@swlink.net>  
To: adams@chuck.dallas.sgi.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [26020] Re: Bubba Contest  
Message-ID: <103010d01b031eedde20@[204.252.163.179]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Jim,

If you really want to do well in a contest, then you need to set up a vertical or dipole at one of the Vortexes around Sedona! From the tales I hear about vortexes, you might not even have to charge your batteries <G>

72,

Mike KL7IXI

Chandler, AZ

-----  
Date: Tue, 2 Sep 1997 12:37:26 -0400 (EDT)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: Christopher Moore <christopher.moore@snet.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [26021] Re: QRP Contest Bands  
Message-ID: <Pine.LNX.3.95.970902123154.20293C-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The only thing binding us are band plans and FCC regs.

Anything else is a matter of honor and sharing of frequencies.

Overseas, 40m is 7.0 - 7.1 MHz. 40m phone often comes down as low as 7.015 during major worldwide contests.

If a 1.5 kW stn chooses to come over to the QRP calling frequency and run a net, etiquette would imply that he would move due to the "convention" of it being the QRP frequency.

He'd have no "legal" cause to move, however, as he's not doing anything "wrong" per the laws governing his license grant.

He who was there first has the right to the frequency, as anyone who operates overtop this station is causing malicious, intentional interference. Fortunately, most people are reasonable, and this doesn't happen.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 80 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* Hamfest, life's simple joy \*

-----  
Date: Tue, 2 Sep 1997 10:35:44 -0600  
From: wa5whn@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [26022] AL7FS/KL7NY/Alaska  
Message-ID: <19970902.103547.2678.0.wa5whn@juno.com>

qrp-lers,

My Wife (WB5LYJ) & I have had the pleasure of an eyeball QSO with AL7FS & KL7NY, at their home QTH. The view from Jim's tower, looking east, into Flat Top Mountain, well, let's see if I can find that panoramic photo (jpg format), You would never forget it. Jim, You should put video camera on Your' tower, and make it accessable via the internet. In fact, sitting on top of Flat Top Mountain, looking across the bay, at 1 active volcano is impressive too. The day we were up there (June 2 & 3, '97 - we have some great video & panoramic photos), You could see the Redoubt volcano, but cloud cover to the north, had prevented us from viewing Mt. McKinley. I am afraid if I say anymore, Jim & Nancy will have plenty of new neighbors, moving up from the lower 48, especially from Arizona (HOT !!). ;-) Oh, yeah, that's right, 60 feet of snow, and it's minus 78 deg F (below zero), all year long, and You have to walk through it, both ways, up hill. Did I mention the B-52 sized mosquitos ? ;-) Actually, it was very nice up there, in the mid 60's, with snow on the peaks, in the summer. Occasionally, the Redoubt Volanco leaves You a present or 2 (Curb Your' Volanco), but it's those 9.2 (Richter Scale) earthquakes that can get Your' attention, along with them B-52 MOSQUITOS. Those big mosquitos did not like us Native Neuvo Mejicanos. It's the hot green chili in the blood that burns them up. ;-)

Jim was not kidding about EME signals, as related to QRP, except he had forgotten to mention that RST of 227 (notice the 7 ??) was a good signal in some instances, a 339 was almost ideal ;-. When W5FF & K5FF fire up on 6 meters (EME) down here (grid square DM65, east of Tijeras Canyon). I used to tell People that I have worked back scatter, into northern Arizona, off of Fred's (W5FF) signal ;-) At one time, he (W5FF) had



(QRO) .5 KW on 6 meters into a very large parabolic dish, > 20 dbi, You can do the math. He could bore a hole right through the ionosphere (IMHO). Our own mini -version of HAARP. ;-) EME is not quite there for QRP, as defined in today's terms (5 watts dc), unless You have access to the VLA (Hello Paul), west of Socorro, NM. :-) It's a welcome sign that we can copy AL7FS (Anchorage) into grid square DM65, @ QRP levels, S-5. (2 X QRP). Now, if You really want a challenge, try QRP EME. Keep that in mind, when You know that AL7FS, has already worked 2 meter WAS EME. Jim has a neighbor ~ .5 mile to the west of his QTH, with an impressive antenna array too. They grow them big antenna farms in Alaska. ;-)  
Bigger than those puny ones in Tejas. ;-)

Jim, shhh, we won't tell them about the moose that show up in Your' front yard, occasionally. We are not talking about the members of the local Elk or Moose Lodge either. :-) These are the 4 legged kind, plus those 50 lbs. salmon in the Kenai.

The Anchorage, Ak. Hamfest is coming up, in Sept.. Let's all head to Anchorage & for once, let's go bite the mosquitos. ;-) Does anyone want do a mini-QRP DXpedition to one of the rare Alaskan islands, as the solar cycle improves ? Hold that thought for a moment. OK, that's it, I am calling Delta right now. ;-)

It's nice copying QRP Alaska stations again, on HF. Wahoo, can't wait for "QRP AField", Sept. 20th.

72...Jay, WA5WHN, DM65qd, Albuquerque, NM USA

-----  
Date: Tue, 2 Sep 1997 12:38:56 -0400 (EDT)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [26023] WARC bands for contesting  
Message-ID: <Pine.LNX.3.95.970902123732.20293D-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Contesting is, by convention, NOT permitted on the WARC bands.

If you want to have an "operational exercise," that's probably a different story....like TMPS...

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 80 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* Hamfest, life's simple joy \*

-----  
Date: Tue, 2 Sep 1997 11:41:50 -0500  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-l@Lehigh.EDU  
Subject: [26024] BUBBA TOTALS FM TX  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Gang,

Well, had a really fun time. Thanks to all who made the event happen.

QSO's = 38  
S/P/C = 20  
Temp = 82  
Bonus = 3000 (NQ7RP)

Total = 65,320 pts.

Kudos to KT3A, Cam, really had to dig out signals both ways.

Thanks again, all. Log off to Joe.

73 de Dave NR3E/5  
nr Dallas, TX  
qrp-l #25, Winner:1997 Texas QSO Party, QRP  
WIMPS: Qs=057 30m=041 17m=11 12m=05 States=027/06/04  
DX=02/02/01

-----  
Date: 02 Sep 97 12:54:09 EDT  
From: "W. D. Lindsey" <70511.3041@CompuServe.COM>  
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, Bob Gobrick  
<rgobrick@worldnet.att.net>, "W.D. (Doc) Lindsey/K0EVZ"  
<70511.3041@CompuServe.COM>  
Subject: [26025] GX0IPX QSL manager?  
Message-ID: <970902165409\_70511.3041\_IHD98-1@CompuServe.COM>

Gang:

Yesterday I had the thrill of QSOing with GX0IPC. He was just sitting there on

20 metres, calling CQ. We had a nice relaxed QSO lasting several minutes.

He is FISTS #01....can you believe it?! Great thrill to actually speak to one of the pioneers in our hobby, etc.

He said QSL's should be sent via a Stateside ham, which I copied down as WZ8C. Thought I had copied it correctly. But today when I go on the Internet to check the mailing of "WZ8C" it returns that there is no such ham, etc. So I must surely have copied down the USA ham's call sign incorrectly. Nuts.

Can anyone give me this information? Would be great to have a QSL for England. Thanks in advance for the information.

72/73,  
--Doc/K0EVZ QRP-1 861

-----  
Date: Tue, 2 Sep 1997 10:07:20 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Christopher Moore <christopher.moore@snet.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [26026] Re: QRP Contest Bands  
Message-ID: <Pine.SUN.3.90.970902095018.1845A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Sep 1997, Christopher Moore wrote:

> On a related issue, when sweepstakes comes round, are there any rules to  
> prevent the big boys from using the QRP frequencies? If not, we'll have to  
> spend a lot of time waiting in line to make QSOs which won't make for a very  
> exciting contest.

Hi Chris,

There really are no "QRP" frequencies by law. Only some broad areas are restricted to SSB and etc. CW, either QRP or QRO (no QRO in novice bands) in the whole band.

SS does indeed get hectic! But there is lots of room to operate. Many on this list had a ball last year.

There's always room for one more signal on the bands!

And if you believe what the anti cw folks say about this hugh decline in amateurs, there shouldn't been any crowding anyway!!

(Last thing I want to see is the Govt telling us where to run how much power to make what kind of contacts!) :-)

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Tue, 02 Sep 1997 12:16:52 -0500  
From: Allen Jones <ajones@adsnet.com>  
To: christopher.moore@snet.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [26027] Re: QRP Contest Bands  
Message-ID: <3.0.3.32.19970902121652.00687fec@206.158.2.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:28 PM 9/2/97 -0500, you wrote:

>Hi listers:

>Between the beacons and the Foreign SSB, there's only about 5KHZ of clear  
>space on 40M. 20M isn't much better. Is there any reason we can't use 30M  
>and 17M?

Chris . . The WARC bands have always been offlimits for contesting. It's kind of a haven for those ops that have no interest in contests. Virtually all contests exclude use of the WARC bands.

>

>On a related issue, when sweepstakes comes round, are there any rules to  
>prevent the big boys from using the QRP frequencies?

No protection at all for QRPers. At the start of SS it sometimes takes multiple calls before making contact but as time goes by you will find that more and more stations will come back on the first call. I made over 200 contacts last year running 5W and a qtr wave sloper. All were search and pounce. Pretty hard to hold a frequency with flea power. My operation was pretty casual. Didn't work anywhere near the maximum number of hours.

73, Allen - W9DZ

ajones@adsnet.com

-----  
Date: Tue, 2 Sep 1997 10:18:52 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-l@Lehigh.EDU, azqrp@dancris.com  
Subject: [26028] Pacificon '97  
Message-ID: <199709021718.KAA10789@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For those interested in Pacificon '97, information can be found at  
<[http://www.mdarc.orc/pac97\\_1.html](http://www.mdarc.orc/pac97_1.html)>

There is an early bird registration form on that page that gets you in for  
\$3.00 if sent in by October 15, 1997.

73,  
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ  
Grid DM43bi Lat 33.334500 Long -111.87260  
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL  
<http://www.dancris.com/~ki7mn>  
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

-----  
Date: Tue, 2 Sep 1997 10:25:18 -0700 (PDT)  
From: Bradley Mitchell <wb8ygg@rocketmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [26029] Deal of the day?  
Message-ID: <19970902172518.24084.rocketmail@send2.rocketmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well, I'm not sure if this is a great deal or not, but if you have  
longed for a flourescent magnifying lamp, you may want to read on.

A friend of mine showed me a catalog for Dalbani, who sells  
electronics stuff out of Florida.

Looks like they have quite a few good deals.

Anyway, they have listed a Magnifying lamp with a flourescent light ring for \$36.72.

1-800-325-2264

This is as cheap as I have ever seen them.

Order Number

54-0120 White

54-0125 Black.

I have never ordered from this company till today, and have no knowledge if they are any good or not.. Buyer Be Ware.... and all that! But, I'm going for it..

73 Brad WB8YGG

---

Sent by RocketMail. Get your free e-mail at <http://www.rocketmail.com>

-----  
Date: Tue, 02 Sep 1997 12:02:43  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [26030] Re: Help -Toroids with shorted turns  
Message-ID: <3.0.1.16.19970902120243.2e0f8fe2@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Hi Ed, the toroid's magnetic field induces a voltage in the shorted  
>turn. The voltage in the shorted turn causes a high current to flow  
>in the shorted turn.

Heck, I thought we were done with this. I know this is nit-picking, but Cecil got the chicken before the egg. The magnetic field (flux) induces a CURRENT in the turns, which then produces a voltage. The actual current is related to the flux density i.e., how much current is flowing in the "primary", the turns ratio, and the resistance of the wire.

However, the net effect is the same,  $I^2R$  losses.

In this case, it really doesn't matter if the chicken came before the egg, or if it crossed the road or not. The end result is the same. (chicken soup)

At the same time, I do agree with ED that leaving the coils' end open in tuner applications may cause more problems than the losses caused by having the coil turns shorted. With the possible exception of a well constructed tuner operated at QRP levels.

73,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Tue, 02 Sep 1997 12:31:10  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [26031] Small loop and tuning cap  
Message-ID: <3.0.1.16.19970902123110.2df717f8@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I got my iteration of Bill Jones's sliding pipe cap just about finished. Not as neat a job as Bill's but functional. I was able to find all the parts I needed for the motor drive from my VCR boneyard. (Motor, gears, shafts and bearings)

So, now I must think about putting it up in the air. I figure on making a PVC "H" frame and bolt that on the side of the building here, at the roof peak.

I know I need to place this as far from large metal objects as possible, but how far is far enough? Will a couple of loop diameters be enough or do I have to do better than that?

My problem is that I have three foot wide metal flashing on the edge of the roof, a chain link fence and a kids swing set next door. I'm not sure how far I can get the loop away from all that stuff. Should I not even bother trying and take up fly fishing instead?

73,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Tue, 2 Sep 97 11:42:53 MDT  
From: af852@rgfn.epcc.Edu (William R Colbert)  
To: qrp-1@Lehigh.EDU, v31xe@dzdn.com  
Subject: [26032] NN0CIA  
Message-ID: <9709021742.AA01848@rgfn.epcc.Edu>

Regarding the 50th anniversary call of the CIA - NN0CIA, thanks for posting the info. However, I think that a lot of amateur operators, especially SWL'ers involved in utility stations would better recognize the callsign KKN50 if it were reconfigured to something like KK50N. Wonder why they didn't - maybe thought no one would recognize it. Wonder if they are using their QRP 1,5, or 10 KW facilities?

--  
Ray Colbert, W5XE  
00TC 3618, SOWP 1064M  
El Paso, Tx (Far West Texas)  
(also: v31xe@dzdn.com)

-----  
Date: Tue, 02 Sep 1997 13:52:14 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: ka8okh@som-uky.campus.mci.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [26033] Re: HW-8 not single conversion  
Message-ID: <19970902.140309.8247.2.W4BWS@juno.com>

Rich, See what happenjs when you get too excited-just take three deep breaths and then ease into the frey.  
W4BWS

-----  
Date: Tue, 2 Sep 1997 18:03:01 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: christopher.moore@snet.net, qrp-1@Lehigh.EDU  
Subject: [26034] Re: QRP Contest Bands



Message-ID: <19970902180252.AAC24587@LOCALNAME>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 05:28 PM 9/2/97 +0000, you wrote:

>Hi listers:

>Between the beacons and the Foreign SSB, there's only about 5KHZ of clear  
>space on 40M. 20M isn't much better. Is there any reason we can't use 30M  
>and 17M?

>

>On a related issue, when sweepstakes comes round, are there any rules to  
>prevent the big boys from using the QRP frequencies? If not, we'll have to  
>spend a lot of time waiting in line to make QSOs which won't make for a very  
>exciting contest.

>

>72, Chris W1GM

>

> All Gentlemen's Agreements seem to be "null and void"!

40 meters is becoming a grand mess! Between the Central/South american  
SSB, Canadian SSB all dropping further down into the CW bands, we have BIG  
troubles! Not to mention the "digital" folks, many of whom obviously don't  
listen to their receiver audio when they plunk a signal on! I heard what  
sounds like a

Canadian "net" on SSB a day or so ago on about 7050! To add to this, I think  
some of the "lids" who usually operate 20 SSB have dropped down to 40 at  
night due to 20 being poor at night. Pray the MUF goes up and that winter  
soon comes! 80 will be usable again! Lots of space there.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

\*\*Looking for: Hallicrafters SR-75 Transceiver\*\*

\*\*RK-34(VT-224) tubes, Butternut HF2V antenna\*\*\*

-----  
Date: Tue, 02 Sep 1997 12:41:48 -0600

From: AE0Q V31RY <v31ry@ix.netcom.com>

To: qrp-l@Lehigh.EDU

Subject: [26035] Wyoming Weekend

Message-ID: <2.2.16.19970902184148.21ffa698@popd.ix.netcom.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I just got home from points north (Wyoming), had a great time on the air and also camping in general. The horizon was actually below me to the east and north, and my antenna (80m Carolina Windom @ 40ft) had a clear shot in all directions from 'my hill'..

Made 58 QSO's in the BUBBA contest, and 76 in the Michigan Sprint, hope most everyone that needed WY for WAS worked me. Had a lot of QSO's outside of the contests, too.

I'll be glad to QSL for anyone needing a QRP-to-QRP confirmation.

73 -- Glenn (Denver, CO)

-----  
"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--  
<http://www.qsl.net/ae0q>

-----  
Date: Tue, 02 Sep 1997 11:59:38 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: qrp-l@Lehigh.EDU  
Subject: [26036] Back to Polishing that brass  
Message-ID: <340C621A.4625@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I recently aquired a new paddle/keyer. One I hadn't heard of before. It looks like the Vibroplex Brass Racer (Triangle). It was made by Hamco. It has a keyer circuit built into the base. It is quite heavy and seems to sit still pretty well.

It was a most ugly thing upon receipt. I polished it up and now it looks like new. Works great.

I was wondering if there is something you can put on brass to keep it from tarnishing. A wax or polish or something. I'd sure like to keep that shine if possible.

Thanks.

--  
73 de Jeff AC6KW  
grudin@vdbs.com  
-----



Had some excellent rag chews on the side. Also helped Adam, KD6POC troubleshoot a rig during the contest. Lots of fun regardless of the score.

Notes: The heat affected both rigs, requiring about 5 -9 KC higher tuning to find the operation. Also, the borrowed homebrew keyer likes more power than the 9Volt battery can supply. It kept shutting down. I spent a lot of time preparing for this and re-orienting antennas. Was set up 3 hours early!

Worth every minute Joe! Thanks. 72/Ed Loranger

Official Log: 31 Aug 1997

Freq	Mode	Time(Z)	Stn	Sent	Rcvd
20	CW	1904	AE0Q/7	579 CA Ed 88	559 WY Glenn 85
20	CW	1925	AL7FS	549 CA Ed 88	339 AK Jim 73
40	CW	2116	W6SIY	599 CA Ed 88	579 CA Keith 71
40	CW	2153	WA5WHN	559 CA Ed 88	559 NM Jay 80
40	CW	2158	W7VH	579 CA Ed 88	339 CA John 90
40	CW	2207	WA6ARA	559 CA Ed 88	559 CA Mike 91
40	CW	2214	K6KSR	549 CA Ed 88	579 CA John 90

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.  
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 2 Sep 1997 15:41:36 -0400 (EDT)  
From: ARDUJENSKI@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [26038] FEEDLINE 101  
Message-ID: <970902154050\_2083412629@emout05.mail.aol.com>

I am a bit confused on the issue of feedline. For a dipole books state you can substitute 300 ohm ribbon line for open line if you figure in the velocity factor. Thus if the length for the flat top was say 66 feet then for 300 ohm line you would multiply by .86 and use 56.8 ft. Would the same apply to say the dimensions being used for the BOBTAIL?

The reason I ask abt the 300 ohm ribbon is that according to the books the 300 ohm appears to have abt a 0.5db lower loss than coax.

It appears according to sources that 300 ohm line is susceptible to affects

of moisture. I am curious if putting a coating of automobile wax on the line before installation would minimize the moisture affects (SWR)? Or is the BOBTAIL designed to be fed by coax to be effective?

I would appreciate some clarification from all you experts.

Thanks from your humble NOVICE....alan KB7MBI

-----  
Date: Tue, 02 Sep 1997 14:46:21 -0500  
From: "Jeff M. Gold" <jmg@tnitech.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [26039] QRP+++  
Message-ID: <340C6D0D.8DC9A92@tnitech.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I am considering selling my QRP++. it was one of the last series made. It has the latest front end mixer and the diode protection circuit. Comes with matching Icom microphone and small manual QRP tuner. I believe it is in mint or very close to it condition. I have the original manual. It works well on both SSB and CW. I have no trouble working DX with home set up.. never used portable.

Reson for sale, going into private counseling practice soon (at least I hope I am). Other items may follow.

Think selling for \$475 + shipping.

72

Jeff, AC4Hf

--

Jeff M. Gold, Manager  
Academic Computing Support  
Tennessee Technological University  
(615)372-3979

-----  
Date: Tue, 02 Sep 1997 15:50:02 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: kd1jv@moose.ncia.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [26040] Re: Small loop and tuning cap

Message-ID: <19970902.160032.8247.5.W4BWS@juno.com>

Good job and be looking for you on 30 and down(WL). My experience with a 14 to 30 mhz loop vertical orientation is keep it clear for at least 5 diameters-the more the better. Horizontal orientation is basically omnidirectional so any thing in near field will couple and decrease field. It should be mounted with the flat side at least 3 diameters away from metal if possible. Buuuuuuttttttt-as the addage goes if you don't try you never will know. Thats why antennas often defy ordinary thoughts and rules.

Don W4BWS

On Tue, 02 Sep 1997 12:31:10 Steven Weber <kd1jv@moose.ncia.net> writes:

>Hi Gang, I got my iteration of Bill Jones's sliding pipe cap just about  
>finished.

>I know I need to place this as far from large metal objects as  
>possible, but how far is far enough? Will a couple of loop diamaters be  
enough

>or do I have to do better than that?

>

>My problem is that I have three foot wide metal flashing on the edge  
>of the roof, a chain link fence and a kids swing set next door. I'm not  
sure

>how far I can get the loop away from all that stuff. Should I not even  
>bother trying and take up fly fishing instead?

>

>73,

>Steve, KD1JV....In the White Mountains of New Hampshire

>

>"Melt Solder"

>

>

-----

Date: Tue, 02 Sep 1997 15:50:02 EDT

From: w4bws@juno.com (Donald E Sanders)

To: ham@w3eax.umd.edu

Cc: qrp-1@Lehigh.EDU

Subject: [26041] Re: WARC bands for contesting

Message-ID: <19970902.160032.8247.4.W4BWS@juno.com>

Reality Check Time: IMO Any qrp activity is an exercise not a contest by conventional definitions. Anyone agree or did I saw the limb off with this thread?

Don W4BWS

On Tue, 2 Sep 1997 12:38:56 -0400 (EDT) "Scott Rosenfeld [NF3I]"

<ham@w3eax.umd.edu> writes:

>Contesting is, by convention, NOT permitted on the WARC bands.  
>If you want to have an "operational exercise," that's probably a  
>different story....like TMPs...  
>  
>\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
>\*\*\* 6m 80 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
>\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
>\* 301-549-1022 h / 301-982-1015 w \*\*\* Hamfest, life's simple joy \*  
>  
>  
>

-----  
Date: Tue, 02 Sep 1997 14:56:40 -0500  
From: "Mike B. Allred" <mallred@fscu.org>  
To: qrp-l@Lehigh.EDU  
Subject: [26042] ladder-line and longwire  
Message-ID: <340C6F78.3738@fscu.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OK- here goes (I hope not to cause a debate, but..)

I've never used ladder line before, but I wish to put up a longwire for all band use with a tuner. What is the optimal length of the wire and feedline? I have 50ft of 450ohm line and would like to be able to tune 80-12 meters.

Thanks for helping since I am new to balanced line.

73,Mike

--

Phone:(205)340-2000 ext.2036  
Wats: (800)239-5515  
Fax: (205)340-2047  
mailto:mallred@fscu.org  
AR: KU4GU

-----  
Date: Tue, 02 Sep 1997 15:12:49 -0500  
From: James Parsons <k5rov@worldnet.att.net>  
To: w4bws@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [26043] Re: WARC bands for contesting  
Message-ID: <340C7341.39CB@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Donald E Sanders wrote:

>  
> Reality Check Time: IMO Any qrp activity is an exercise not a contest by  
> conventional definitions. Anyone agree or did I saw the limb off with this  
> thread?  
> Don W4BWS  
> On Tue, 2 Sep 1997 12:38:56 -0400 (EDT) "Scott Rosenfeld [NF3I]"  
> <ham@w3eax.umd.edu> writes:  
> >Contesting is, by convention, NOT permitted on the WARC bands.  
> >If you want to have an "operational exercise," that's probably a  
> >different story....like TMPS...  
> >  
> >\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
> >\*\*\* 6m 80 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
> >\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
> >\* 301-549-1022 h / 301-982-1015 w \*\*\* Hamfest, life's simple joy \*  
> >  
> >  
> >

I think that any operation that exists for the purpose of competition, over a fixed period of time is contesting. I don't think that WAS or DXCC is a contest. But, when a time is established and the objective is to compete with others during that period, that sounds like a contest to me. Thats just my opinion, and I have been wrong before.

But, in any case, I hope that the testers will not decide to include 30 meters (and the other WARC bands, as they open) in their contesting. While I support those who enjoy contesting, I don't care for it myself. I prefer to rag-chew. It is impossible to rag-chew on the contest bands during major contests. And, it seems that there is a contest just about every weekend. For working folks, who enjoy rag-chewing over a weekend, 30 meters is a refuge to do so. I hope the testers will allow us our pleasures as they enjoy theirs...

My opinion!

Jim, K5ROV

--

James (Jim), Parsons, K5ROV USAF, Ret.



k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL  
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),  
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).  
JOHN 3:16

-----  
Date: Tue, 2 Sep 1997 15:58:38 -0400  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: <NilsBull@aol.com>  
Cc: "qrpforum" <qrp-1@Lehigh.EDU>  
Subject: [26044] Re: Charging batts questions (again); the stumbling bat; out  
stumped  
Message-ID: <199709022019.QAA25422@mh004.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Nils,

Sober up, now, and listen. I wrote about using Mike Bryce's "Micro M"  
charger to charge Gel Cells. It *will* work. Mike makes several chargers,  
though, and not all of them have the same features as the Micro M. In  
fact, some will attempt wierd and unnatural things if you try to use them  
with a standard 12V supply. Often they succeed with their strange  
behavior. -- expensive and not a pretty sight.

Since you have an M25 charge controller, I urge you to contact Mike, and  
he'll no doubt give you the straight stuff. Mikes email address:  
73357.222@compuserve.com

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----  
> I noticed that someone had asked about charging batteries again. Great  
> timing. I have rebuilt the monster box radio of traveling whatever and am  
now  
> trying to find the documentation what came with the little M25 charge  
> controller I bought of Mikey Bryce &c again.

-----  
Date: Tue, 2 Sep 1997 12:19:13 -0600

From: Brad Mugleston <bmug@gw1.com>  
To: "'n4so@juno.com'" <n4so@juno.com>  
Cc: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>  
Subject: [26045] Where is this file  
Message-ID: <01BCB79A.6F0CFCE0@pps-pc10.gw1.com>  
Content-Type: text

Ken, You post responses like the one below from time to time. They look interesting but who do we ask to get file? You?

Thanks,

de KB0ROL, Brad

++++  
The Standard EIA Capacitor and Resistor codes are in  
the ARRL handbook 1996, chapter 24 first and second pages.

Everything you wanted to know about capacitors--  
a saved text file, capacitors 1 and 2 from Paul Harden  
capacitor DATA SHEETS.... ask for cap.txt  
These files are long, descriptive and very detailed on currently used  
capacitors.

from: n4so@juno.com

-----  
Date: Tue, 02 Sep 1997 13:39:20 -0700  
From: David Smith <qrp-dave@ocsnet.net>  
To: QRP-L@Lehigh.EDU  
Message-ID: <B0001326633@ntserv1.ocsnet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello there receiver fans! I need the manual to a Heathkit RX, the famous  
and wonderful HR-10. Will pay a reasonable price or for copying. TNX and 73!

QRPDave

-----  
Date: Tue, 02 Sep 1997 17:00:39 EDT

From: w4bws@juno.com (Donald E Sanders)  
To: ARDUJENSKI@aol.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [26047] Re: FEEDLINE 101  
Message-ID: <19970902.171154.8247.6.W4BWS@juno.com>

Alan, I believe you got confused so hopefully I can shed some light on the subject.

Don Sanders W4BWS

Not a new issue-I'm a proud member of the old FARTS, that's the Florida Amateur Radio Transmitting Society for you yunguns. Our radios are real-they light up at night.

On Tue, 2 Sep 1997 15:41:36 -0400 (EDT) ARDUJENSKI@aol.com writes:

>I am a bit confused on the issue of feedline. For a dipole books state  
>you can substitute 300 ohm ribbon line for open line if you figure in the  
>velocity factor.  
>Thus if the length for the flat top was say 66 feet then for 300 ohm line you would >multiply by .86 and use 56.8 ft. Would the same apply  
>to say the dimensions being used for the BOBTAIL?

The reference to the velocity factor is only in reference to the feedline, not the flattop(dipole). And then only if you want a resonant feedline. Most people put up the flattop at 66 feet and the length of feedline is what ever it takes to reach the shack. If the match box won't match it ,add 10 feet of feedline for that band.

The bobtail would be standard lengths of 1/4 wave vertical segments and 1/2 wave between verticals. Feed line can feed bottom of center vertical or at the junction of center vertical and flattop. the length is what ever length you need to reach the shack.

>The reason I ask abt the 300 ohm ribbon is that according to the books  
>the 300 ohm appears to have abt a 0.5db lower loss than coax.  
>It appears according to sources that 300 ohm line is susceptible to  
>affects of moisture. I am curious if putting a coating of automobile wax on  
>the line before installation would minimize the moisture affects (SWR)?  
Or is  
>the BOBTAIL designed to be fed by coax to be effective?  
>

I have used bobtails fed with coax with very good results. I have also used bobtails fed with openwire and 300 ohm line and they can be used on several bands. The limitation is that the 300 ohm line does not have the voltage rating of open wire line and if the SWR is too high with 300 ohm it may flash over- at qrp you won't have to worry-at 500- watts you need to think about it. The auto wax sounds good as long as it does not penetrate and lower the voltage rating and you are not running high



Example: a 10' length of #22ga wire will have an inductance in the order of 5uH.

But there are some problems with this inductor. It would be extremely difficult to use in a circuit due to its physical size. It would be very difficult to shield so that the magnetic field would not affect (or be affected) by other parts of the circuit. Lastly, the Q would be poor due to high ohmic losses (note:  $Q = X/R$ , where  $R$  = loss due to skin effect).

#### A SOLUTION (Good)- SOLENOID INDUCTOR

If the wire were wound or coiled in a manner that would increase the magnetic flux linkage between turns, the inductance would increase. In fact, the same 5uH inductor would be made orders of magnitude smaller (and the Q would improve drastically). However, the size would still be larger than appropriate for todays miniature circuits. In addition, this inductor's field would radiate (or be susceptible to other fields) and extensive shielding would still be required.

Additionally, when we bring two conductors into close proximity, separated by a dielectric and place a voltage differential between the two, we make a capacitor. A by product of the coiled inductor is that it has a certain amount of distributed capacitance.

#### A SOLUTION (Better)- DOUGHNUT INDUCTORS

Picture for a moment a bar magnet (or solenoid inductor). It has magnetic lines of force (or field) flowing (looping) out of one pole into the other. Begin bending the bar and visualize what happens to the lines of force. Some of the lines stretch while others compress. If you continue bending the bar into a ring or doughnut, all of the lines will take on the shape of the ring. Therefore, a toroid completely contains all of the magnetic flux and no radiation occurs. In other words, the inductor is self shielding. Note: Forms using magnetic materials are not necessary.

#### MAGNETIC MATERIALS

The flux density can be increased by decreasing the "reluctance" or magnetic resistance path that links the windings of an inductor. We do this by adding a magnetic material to the inductors core. The permeability " $\mu$ " of this material is much greater than air and the magnetic flux isn't as "reluctant" to flow between the windings. This is true of both solenoid or ring shapes. The result is that an inductor of fewer turns and smaller physical size can be constructed.

#### SOME PRACTICAL CONSIDERATIONS

Q: I keep hearing about an inductors Q. What is it and is it important?

A: Component Q is important. Basically Q is a figure of merit and provides information about the quality of a component and it's suitability for an intended application. For an inductor:

$$Q = (2 \pi F L) / R$$

where: F = frequency in MHz, L = inductance in uH and R represents all losses (e.g. from skin effect, core etc.). Note that Q has 3 variables (L,F,R) and since ohms/ohms, is dimensionless.

The above component Q is also commonly called the unloaded Q or Qu. Typical unloaded Q's wound on magnetic core material in the HF range from 100 to 300 or so. Note: That high quality capacitors (i.e. silver mica) typically have Q's many times higher.

So in a tuned circuits, filters etc., inductors are typically the weak link in the chain. To keep losses low, component Q's (Qu) should be much larger than a circuit's design Q, or loaded Q (Ql).  $Q_u \gg Q_l$

Q: The formula for winding a magnetic cored toroid is  $L = A_l N^2$ , so why would the inductance for a fixed number of turns change depending on how much of the circumference is used for the winding?

A: The inductance for a toroidal inductor is given by:

$$L = (K \pi N^2 \mu A) / l$$

where: K is a constant, N is # of turns,  $\mu$  is permeability, A is cross sectional area of core and l is effective length of core.

So you can see that when l is larger, the inductance L, is smaller.

In order to make calculations easier, manufacturers just combined  $\mu$ , A, l, and other constants for a given core into a single quantity called the inductance index or  $A_l$ .

Q: Should I wind the turns over the entire length of the core (i.e. 360 degrees)?

No, use a good portion of the core but always leave a start / stop gap of 30 to 40 degrees. Spreading the turns will minimize the inter-winding or distributed capacitance. Additionally, the capacitance due to the two leads will also be minimized.

Q: Does it matter if the windings are tight or loose wound around the core?

Yes, snug is good but if you wind it to tightly, you gonna breaka the core.

Note: Cores of different material have different temperature coefficients. This number in parts per million per degree C is a specification only for the core material (and does not include any effect due to how the core is wound).

73

Ed, W1AAZ

-----  
Date: Tue, 2 Sep 1997 14:33:46 -0700  
From: n5inz@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [26049] QRX-----N5INZ  
Message-ID: <19970902.143400.3366.13.N5INZ@juno.com>

I'm outta here. Sons of the Pioneers singing about cool, clear water and the desert.

Gas.check- Money.check- 2M. HT-check - Wifes' Valium-check. Yep, ready to go.

Byeeeeee!

72, John- N5INZ/m

-----  
Date: Tue, 2 Sep 1997 14:05:08 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: QRP-L list <qrp-l@Lehigh.EDU>  
Subject: [26050] Oct 97 QRP ARCI Quarterly off to the printer  
Message-ID: <Pine.SUN.3.90.970902140303.3291A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is the Table of Contents for the Oct-97  
issue of the QRP ARCI Quarterly Journal.

\*\*\*\*\*

#### Technical

- 12 To Trap or Not to Trap  
By L.B. Cebik, W4RNL
- 24 Idea Exchange  
By Michael A. Czuhajewski, WA8MCQ
- 35 A Top Band Transmitter and Receiving Converter  
By William Parmley, KR8L

#### Operating

- 8 QRP Really!  
By Bruce Muscolino, W6TOY/3
- 14 Members' News  
By Richard Fisher, KI6SN
- 20 A Sierra Goes Traveling  
By Pete Hoover, W6ZH
- 40 Contests  
By Cam Hartford, N6GA
- 44 Call for QRP Hall of Fame Nominations for 1998  
By Michael A. Czuhajewski, WA8MCQ
- 45 QRP Net Information  
By G. "Danny" Gingell, K3TKS

#### Miscellaneous

- 6 New Technical Editors  
By Bill Carver, W7AAZ and Chris Trask, N7ZYW
- 7 Incoming Mail  
By Ron Stark, KU7Y
- 10 QRP Clubhouse  
By Bob Gobrick, N0EB
- 17 Freidericshafen 1997  
By Dick Pascoe, G0BPS
- 18 HAARP - A Center For Ionospheric Exploration  
By William E. Gordon
- 22 From the Badger's Nest  
By Nils R. Bull Young, WB8IJN
- 23 Mint Tin Projects  
By Darrel Jones, WD6BOR
- 38 Quarterly Back Issues Available  
By G. "Danny" Gingell, K3TKS
- 39 Treasurers End of Year Report  
By Ken Evans, W4DU
- 46 Award Samples  
By Chuck Adams, K5FO



\*\*\*\*\*

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Tue, 02 Sep 1997 14:09:13 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@Lehigh.EDU  
Subject: [26051] Small loop performance  
Message-ID: <340C8079.2FD7@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

For those of you building small diameter transmitting loop antennas, be aware that performance *\*will\** be degraded if the antenna is placed in close proximity to other metallic objects. Just how much the performance will suffer is difficult to define. However, here is a test. If the 20 meter bandwidth is more than 5-7 kHz without retuning, you have a "proximity" problem or losses due to poor construction.

-----

Bill Jones - KD7S <><  
Sanger, California  
kd7s@psnw.com

-----

-----

Date: Tue, 02 Sep 1997 17:19:00 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: mallred@fscu.org  
Cc: qrp-l@Lehigh.EDU  
Subject: [26052] Re: ladder-line and longwire  
Message-ID: <19970902.173025.8247.8.W4BWS@juno.com>

Balanced line is easy if you use the new ladderline and dont make your

own. The antenna long wire should be as long as you have room for. if not 2 to 3 wavelengths at the lowest freq, then try to make it a odd multiple of a 1/4 wave to keep the feed point Z low for end feed. Put openwire feed at end with one lead to each end of insulator, antenna on one end of insulator and insulated support rope to other end of insulator. The wire man sells a special insulator that supports the ladderline for about \$12.00 and it works well. Length of feed line can be random and you can add a few feet of it doesn't match well on any band. Most tuners today use a 4:1 matching toroid transformer to go from openwire to coax input on tuner. That requires a good ground or counterpoise. And if it doesn't match well on one band, add a few feet of feed line to change the impedance seen at the toroid to improve matching. That's it.

Don W4BWS

On Tue, 02 Sep 1997 14:56:40 -0500 "Mike B. Allred" <mallred@fscu.org> writes:

>OK- here goes (I hope not to cause a debate, but..)

>

> I've never used ladder line before, but I wish to put up a longwire  
>for all band use with a tuner. What is the optimal length of the wire  
>and feedline? I have 50ft of 450ohm line and would like to be able to  
>tune 80-12 meters.

>

>Thanks for helping since I am new to balanced line.

>

>73, Mike

>--

>Phone: (205) 340-2000 ext. 2036

>Wats: (800) 239-5515

>Fax: (205) 340-2047

>mailto:mallred@fscu.org

>AR: KU4GU

>

>

-----

Date: Tue, 2 Sep 1997 18:05:48 PST

From: ke3fl@juno.com

To: qrp-1@Lehigh.EDU

Subject: [26053] QRPp MW? (Not in My Physics Book!) & SPRINT

Message-ID: <19970902.180622.7831.1.ke3fl@juno.com>

I don't know about the rest of you, but I'm getting real tired of people who claim to be QRPp'ers while running 250 MW! We're talking MegaWatts (MW) here folks NOT milliWatts (mW) there is a BIG difference! Almost 90 dB worth! (I've seen the same error in QST!) Where do you guys get such power? I think you're in the wrong news

group, perhaps you should try illegal\_pwr@BigBigGun.com???

: -)

Monday I worked the Sprint with Joe/WA3OHI with my OHR 400 on 40 meters at 850 mW (That's real QRPP, milliWatts!) and then we went on to talk to W2DON, Don with 850 mW for about 38 min. A very good QRPP evening.

73 & 72 de KE3FL  
Phil

-----  
Date: Tue, 2 Sep 1997 17:23:44 -0400 (EDT)  
From: David Clemons <dave@egh.com>  
To: qrp-l@Lehigh.EDU  
Subject: [26054] re: QRP Contest Bands  
Message-ID: <Pine.LNX.3.91.970902172231.11097A-1000000@newman.egh.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Chris W1GM wrote:

>On a related issue, when sweepstakes comes round, are there any rules to  
>prevent the big boys from using the QRP frequencies? If not, we'll have to  
>spend a lot of time waiting in line to make QSOs which won't make for a very  
>exciting contest.

Having spent a lot of time contesting, including some QRP work in big contests like the CQ WPX CW, I am probably qualified to give some thoughts on this subject:

1. In any contest with a great deal of activity, a clear frequency is a terrible thing to waste. As the band fills up, people move wherever they must in order to work others. It is unrealistic to expect that one will find 7.040 unoccupied in a big CW contest.
2. Of course, we would hope that everyone would use "qrl?" in order to try to avoid taking someone else's frequency (but some don't.) Even so, when a station is running QRP they should realize that they cannot be heard by everyone on the band, and therefore they will generally find it impossible to hold a frequency for long. That's life. (I say this as a contester who has operated QRP and experienced this, not as a wise guy who doesn't appreciate the difficulties involved.)
3. No, you don't have to wait a long time in line to get any qsos

just because you operate QRP. However, ANY contester will spend a long time in line if they don't do certain things to improve their operating abilities:

- a. Do anything you can to improve your antennas. If you have a dipole, get it up higher. Better yet, replace it with a gain antenna. (If you can't put up a tribander, use a half square or a sloper array, etc. You can do wonders with wire antennas if they have some gain.)
  - b. Concentrate on zero-beating the station you are calling. High power stations can sometimes be a little sloppy in this regards, but QRP stations cannot.
  - c. For CW contests, raise your CW speed up to that used by most stations (i.e., 24-30 wpm). This may require a lot of practice in between contests, it certainly did for me. If several people call a contest operator, he/she will often go back either to the faster one, the louder one, or the one they recognize. QRP stations will almost never be the louder one.
  - d. Operate a lot of contests, even if only for a little while in each. Eventually people will recognize your call. Call recognition often is the reason why one call will be chosen before another. (see part c.)
  - e. Learn how to tune the bands quickly while looking for new stations to work. If you don't get them within 3 calls, write down their freq and come back in 10 minutes. Conditions may have improved, or the loud stations working them may be finished by then.
4. Don't expect any special dispensations just because you are running QRP. Running QRP in a big contest is a self-inflicted handicap. It's a lot of work, but the results can be quite satisfying. If I'm not mistaken, about 10% of the Sweepstakes CW entries are now QRP. Some of these guys/gals make 500 or 600 qsos.

73, Dave Clemons K1VUT

-----  
Date: Tue, 02 Sep 1997 18:25:16 -0400  
From: "Bob Edwards, W4ED" <w4ed@flash.net>

To: qrp-1@Lehigh.EDU  
Subject: [26055] NN50CIA  
Message-ID: <340C924C.126F@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A guess, the "NN50" may have its origins in a US Navy MARS prefix.

Anybody heard them today (Tues, after 2200Z) ??

If so when & where.

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / |
    /  | \
   /   |  \
  /_ | /_ _ _ _ \
 [ \ --===== -/
```

~~~~~

-----

Date: Tue, 2 Sep 1997 17:36:01 +0000 (GMT)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@Lehigh.EDU  
Subject: [26056] Re: FEEDLINE 101  
Message-ID: <199709021736.RAA16521@okcforum.org>  
Content-Type: text

Don (w4bws@juno.com) posted:

> If you want to put up an antenna with "no sweat" you can erect the "McCoy  
> Dipole".  
> That's a flattop long enough to reach between your two supports<where ever  
> they may be, and 400 ohm ladderline feedline long enough to reach your  
> shack. Use a good match box, preferably link coupled like a Johnson  
> Matchbox, and you have a good all band antenna. No Sweat.

Btw, this same configuration is aka "The Double Zepp" (though purists would frown on that, since the original Zeppelin antenna used a quarter-wavelength for both the feedline, and the radiating element, while this more general version is aptly described by Don's "long enough").

And, oh yeah...the feedline can be any balanced feedline (doesn't necessarily have to be 400 ohm ladderline).

I've been wondering lately...does this design work OK in an inverted V configuration? I could squeeze a single support into my back yard, but that's about it. Anyone know if the inverted V version works as well as the flattop version (or nearly as well)?

--Jim WB5UDE

-----  
Date: Tue, 2 Sep 1997 17:37:13 -0500  
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)  
To: qrp-1@Lehigh.EDU  
Subject: [26057] For Jay WA5WHN  
Message-ID: <v01540b01b03243684194@[157.142.56.167]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Sorry to use the list for this, but I keep getting bounced by aol.com.

Hi, Jay...my reply has bounced twice now, so here it is thanks to QRP-L:

>Just worked 3B8CF (Mauritius) on 10.108 with my NC38 special  
>  
>  
>Nice going Mike. What kind of antenna set up do You use ? Maybe chat with You  
>during the Az. Bubba Sprint this weekend.  
>  
> 72...Jay, WA5WHN Albuquerque, NM

Thanks for the kind words, Jay. My antenna is an Alpha Delta DXB end-fed sloper - not exactly the highest gain around but it does fit my lot nicely. Really rugged, though...looks like mil spec hardware all around. I'm not sure if I'll be able to do the Bubba Sprint or not...we have to visit our parents in Texas this weekend. Maybe I'll take the 49er and the Rainbow Tuner...my inlaws have some REALLY tall pine trees in their yard.

72,  
Mike N5JKY  
Edmond, OK

Added 9/2/97:

By the way, I actually did this...plenty hot and humid but the 49er just did not cut it for the contest. I copied several stations calling CQ Bubba but none heard me. Oh, well. I need to get a NN1G or NC40a for these portable operations.

Mike

-----

End of QRP-L Digest 836

\*\*\*\*\*

-----